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BIOGRAPHICAL DICTIONARY

OF

CONTEMPORARY AMERICAN

PHYSICIANS AND SURGEONS.

EDITED BY

WILLIAM B. ATKINSON, M. D.,
PERMANENT SECRETARY OF THE AMERICAN MEDICAL ASSOCIATION,
AND OF THE MEDICAL SOCIETY OF THE STATE OF
PENNSYLVANIA, ETC., ETC.

SECOND EDITION, ENLARGED AND REVISED.

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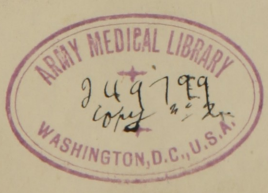

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PUBLISHER'S NOTICE.

IN presenting the second edition of this work, the publisher believes that he is performing a labor which will be welcome to the profession of the present day, and yet more so to that of future generations. The effort has been made to include all who have visibly and publicly contributed to the advancement of medical science in the United States during the present generation; and although the work confesses to many omissions unavoidable in consequence of the extent of territory embraced, and the hesitancy of some gentlemen to supply information, the publisher intends to have these supplied from time to time and incorporated in the book, until it shall be a complete account of the activity and research displayed by the regular profession of this generation in this country.

As a monument of the labors of the many, and as a storehouse of innumerable interesting biographical facts of the most authentic character, the volume cannot but have a permanent historical value, and be treasured by all who take an interest in the progress of scientific medicine.

PHILADELPHIA, NOV., 1879.

THE PHYSICIANS AND SURGEONS OF THE UNITED STATES.

GROSS, SAMUEL D., Philadelphia, was born near Easton, Pa., July 8th, 1805. After a classical education at the Wilkesbarre academy and the high school, Lawrenceville, N. J., he studied medicine with Dr. Joseph K. Swift, Easton; subsequently he was for nearly two years a private student under Prof. George McClellan. He graduated from the Jefferson med. coll. in 1828, and began practice in Philadelphia, employing his leisure hours in close study, and in translating several standard French and German medical works, which were published. In 1830 he issued his first original work, "Diseases and Injuries of the Bones and Joints," in which particular mention is made of the use of adhesive plaster as a means of extension in the treatment of fractures, now so generally employed by surgeons of this and other countries. During the same year he returned to Easton. In 1833 he became demonstrator of anatomy in the med. coll. of O., at Cincinnati, and two years later, prof. of pathological anatomy in the med. dep't of the Cincinnati coll. Here he delivered the first systematic course of lectures on morbid anatomy ever given in the United States, and while thus occupied composed his "Elements of Pathological Anatomy," the first methodical treatise on the subject ever published on this side of the Atlantic or in the English language. After four years he accepted the chair of surgery in the university of Louisville. For ten years he labored in this lecture-room, and then, in 1850, resigned to accept a similar professorship in the university of N. Y., just vacant by the retirement of the venerable Dr. Mott. At the end of the first session he withdrew, and at the earnest solicitation of his former colleagues, returned to his Louisville chair. In 1856 he was elected prof. of surgery in the Jefferson med. coll., Philadelphia, and still occupies the position. Dr. Gross is a very voluminous author. In addition to the works already named, he has, among others, written his "System of Surgery," upon which his posthumous fame will most probably mainly depend; it appeared in 1859, has passed through five editions, the last, issued in 1872, being thoroughly revised and brought up to the existing state of the science, and is comprised in two volumes, 8vo., pp. 2400, illustrated by upwards of 1,400 engravings. It was translated into the Dutch language, and published at Nieuwediep, 1863, and is the most elaborate and exhaustive work on surgery ever written by one man. He edited a large work on "American Medical Biography," was one of the founders and chief editors of the *North American Medico-Chirurgical Review* (suspended at the outbreak of the war after a successful career of five years), and is the author of numerous addresses on medicine, surgery and biography, of a "History of American Medical Literature," and of a "History of the Progress of American Surgery during the last Century." He is a member of the American philosophical soc., of numerous medical societies in the United States, of the Imperial med. soc. in Vienna, med. soc. of Christiana in Norway, Royal med. and chirurg. soc. of London, medico-chirurg. soc. of Edinburgh, med. soc. of London, and British med. asso., to which, on two occasions, he was an accredited delegate. He was one of the founders and early presidents of the Kentucky State med. soc. While in Louisville he published an elaborate and exhaustive "Report on Kentucky Surgery," in which he first established the fact

that the late Dr. Ephraim McDowell, of Danville, in that State, was justly entitled to the honor of being the father of ovariotomy, until then erroneously ascribed to other surgeons. Shortly after settling in Philadelphia, he founded, in conjunction with Dr. Da Costa, the Philadelphia pathological soc., of which he was the first president and which now embraces a membership of nearly one hundred and fifty. In 1867 he was elected president of the Am. med. asso., and in April, 1870, presided at the Teachers' medical convention, held in Washington, to consider the subject of medical education. June, 1870, he was chosen president of the Pennsylvania State med. soc. In 1872, during his second visit to Europe, the university of Oxford, at its one-thousandth commemoration, conferred on him the honorary degree of D. C. L.; that of LL. D. he had previously received from Jefferson coll., Pa. He was unanimously elected president of the International medical congress which met in Philadelphia in September, 1876. Dr. Gross has always been a warm and decided advocate of professional progress and of a higher standard of medical education. Systematic and economical of time, he has, while punctually fulfilling all engagements as professor and practitioner, been enabled to maintain his early habits of earnest study, to keep thoroughly informed in medical and general literature, and to become a voluminous author. Large portions of his works have been composed while riding about the city in his daily professional routine. He has now been a teacher of surgery for thirty-seven years.

FLINT, AUSTIN, SR., New York city, was born in Petersham, Mass., Oct. 20th, 1812. He is descended from Thomas Flint, who came to America from Matlock, Derbyshire, England, in 1638, and settled in Concord, Mass. Edward Flint, physician of Shrewsbury, Mass., was his great-grandfather. His grandfather, Austin Flint, after whom he himself and his son are named, was a physician, who died at Leicester, Mass., in 1850, having passed ninety years of age. In the struggle of the colonies for independence he took a patriotic part, serving in the revolutionary army, first as a private and afterwards as a surgeon. The father of the subject of this sketch was Joseph Henshaw Flint, a distinguished surgeon of Northampton, Mass., and afterward of Springfield, in the same State. Austin Flint, after pursuing collegiate studies at Amherst and Cambridge for three years, entered the med. dep't of Harvard coll., and, pursuing a full course, received his degree of M. D. from that institution in 1833. In 1836 he established himself in practice in Buffalo, having meanwhile practised in Boston and Northampton, and both by his success in the treatment of disease and by his publications, rapidly brought himself into prominence in his profession. In 1844 he was appointed to the chair of the institutes and practice of medicine in the Rush med. coll., Chicago; but this position he relinquished at the expiration of a year. The Buffalo *Medical Journal*, with which his name is most commonly associated, was founded in 1846, and during the ensuing ten years he conducted it with marked ability and success. In 1847 he was associated with Profs. White and Hamilton in founding the Buffalo med. coll., an institution in which until 1852 he was prof. of the principles and practice of medicine and of clinical medicine. In the latter year he accepted the chair of the theory and practice of medicine in the university of Louisville, a professorship that he retained until 1856, when he resumed his connection with the college at Buffalo as prof. of pathology and clinical medicine. The winters of 1858–59, 1859–60, and 1860–61 he passed in New Orleans, holding the positions of prof. of clinical medicine in the medical school and visiting physician to the Charity hospital. In 1859 he removed from Buffalo, establishing himself in New York city, where he has since remained. He was appointed in 1861 one of the physicians to the Bellevue hospital, and prof. of the principles and practice of medicine and of clinical medicine in the Bellevue hosp. med. coll., having previously been appointed prof. of pathology and practical medicine in the Long Island coll. hosp. He resigned the latter position in 1868. In 1872 he was elected president of the New York Academy of Medicine. He is a member of the leading American medical and scientific societies, and a corresponding member of various European organizations of similar character. As an author he has materially aided the advance of his profession. Among his works may be mentioned: "Clinical Reports upon Continued Fever, Chronic Pleurisy, and Dysentery;" "Physical Exploration and Diagnosis of Diseases Affecting the Respiratory Organs" (two editions); "A Practical Treatise upon the Pathology, Diagnosis, and Treatment of Diseases of the Heart" (two editions); and his celebrated "Treatise upon the Principles and Practice of Medicine," first published in 1866, and republished, for the third time, in 1873. Two of his essays, "On the Variations of Pitch in Percussion and Respiratory Sounds," and "On the Clinical Study of the Heart Sounds in Health and Disease," re-

ceived the first prizes of the American med. asso. in 1852 and 1859. His later publications are: "Essays on Conservative Medicine and Kindred Topics," 1874; "Phthisis: its Morbid Anatomy, Etiology, Symptomatic Events and Complications, Fatality and Prognosis, Treatment and Physical Diagnosis, in a Series of Clinical Studies," 1875, and "A Manual of Percussion and Auscultation," 1876. His works are regarded as authority on the subjects of which they treat. He was a delegate to the International medical congress, which assembled in Philadelphia in September, 1876, and was one of the orators, preparing and delivering the address on "Medicine." It was received with marked attention and the highest appreciation, which it eminently merited, being in all respects a most masterly effort. He was married in 1835 to a daughter of N. W. Skillings, Esq., of Boston.

WILLIAMS, ELKANAH, Cincinnati, O., son of Isaac Williams, a captain in the U. S. army in the war of 1812, and one of the earliest settlers of Indiana, was born in Lawrence co., Ind., Dec. 19th, 1822. Having received his early education at the Bedford seminary, he entered the State university at Bloomington in 1843, and after nearly four years of study he left this institution in Feb., 1847, for the Asbury university at Greencastle, at that time under the presidency of Rev. Mathew Simpson, now Bishop of the Methodist church, whence he graduated in July, 1847. The degree of M. A. was conferred upon him a few years thereafter. Returning to his home he began the study of medicine with Isaac Denson, M. D., of Bedford. In the fall of 1848 he entered the med. dep't of the university of Louisville, being the private student of Dr. T. G. Richardson. In the spring of 1850 he received the degree of M. D. During the ensuing two years he was engaged in a large and successful practice in Indiana. Not satisfied with his professional knowledge, he returned to Louisville and attended a third course of lectures, enjoying the benefits of private instruction from Prof. S. D. Gross. In the spring of 1852 he settled in Cincinnati. In Nov. of the same year he embarked for Europe with special reference to the study of ophthalmology. For eighteen months he was a constant attendant at the clinics of Desmarres, Nelaton, Roux, and others in Paris. In the spring of 1853 he crossed to London, and was for a number of months almost the only student at the great Moorfields ophthalmic hosp. He was very cordially received by the distinguished surgeons of this great charity, including Bowman, Dixon, Wordsworth, Critchett and others. The ophthalmoscope had but recently been discovered, and was practically unknown to these London celebrities till Dr. Williams introduced it to their notice and made numerous examinations for them, an account of which he published in the *Medical Times and Gazette* of London in 1854. The remainder of that year he spent in Prague, under Prof. Arlt, in Vienna, with Prof. Rosaz, Stelwag von Carion and Jaeger, and in Berlin with A. von Graefe. His zeal and attainments in all these great cities secured for him the cordial friendship of his distinguished teachers. In the spring of 1855 he returned to Cincinnati, and commenced practice as an exclusive specialist in diseases of the eye and the ear. He was the first regularly accredited physician in America who confined his practice strictly to these branches. He was soon associated in clinical teaching with the Miami medical coll. In 1860, in advance of all other American colleges, a chair of ophthalmology was established in this institution and tendered to Dr. Williams, which he accepted and still fills (1877). There was indeed no one else who could have occupied it but himself. It may then be said that to him is mainly due the establishment upon a sure, scientific foundation of ophthalmology in the United States. In 1861 he was made ophthalmic surgeon to the Commercial hosp., now the great Cincinnati hosp., a position which he held for over eleven years, resigning in 1872. Early in the war of the rebellion he was appointed asst. surg. to the Marine U. S. hosp. in Cincinnati, a position which he filled till after the restoration of peace. In 1862 he revisited Europe and assisted in the International ophthalmological congress held in Paris, reading before that body a paper entitled: "Plusieurs Questions de Therapeutique Oculaire;" several questions of ocular therapeutics. These included inoculation in pannus; treatment of entropium; obliteration of the tear sac; partial ablation of the eye; and will be found in the *Compte-Rendu*, 1862. In the summer of 1866 Dr. W. again visited Europe to meet with the congress at Vienna, but the occurrence of the Austrian and Italian war prevented the assemblage at that time. Again, in the summer of 1872, Dr. W. met with the congress in London, and read a paper: "Practical Observations on Different Subjects:" ulcus corneæ serpens; iritis; granulated eyelids; neuro-paralytic conjunctivitis; atropine; Graefe's cataract operation; anomalies of refraction. These were published with the reports of the Fourth International ophthalmological congress, 1872. Out of deference to him and

many other ophthalmologists from America, it was then decided that the next congress should meet in New York in 1876. At the New York meeting, held in Sept., 1876, he was elected president of the congress. By appointment of the committee of arrangements, Dr. Williams read a paper before the ophthalmological department of the International medical congress at their meeting in Philadelphia in Sept., 1876, on "Pulsating Tumors of the Orbit." This paper will be published in the forthcoming transactions. In June, 1875, Dr. W. was elected president of Ohio State med. soc. at Put-in-Bay, and read a paper on "Penetrating Wounds of the Eye." Dr. Williams is a member of the International ophthalmological congress; of the American ophthalmological soc.; of the International otological soc.; of the American med. asso.; of the Ohio State med. soc.; of the Cincinnati academy of med., being one of its founders; of the Cincinnati med. soc., etc., etc. Besides the articles already mentioned he is the author of numerous papers treating of his specialty, published in this country and in Europe. In 1865 he read a paper before the American med. asso. at Boston, on "Paracentesis of the Cornea; treatment of stricture of the nasal duct; the brown citrine ointment and its extensive value." To the *Cincinnati Lancet and Observer*, from 1856 to date, he has been a frequent and valued contributor, being for several years editor of the ophthalmological department. In the *Medical Record*, of New York, March 18th, 1868, will be found a very important paper from Dr. W. on cases of "Tumor of the Brain with Optic Neuritis," with details of post-mortem sections. In the same journal in April, 1868, will be found the report of a case of aneurism of the orbit, in which, at his request, Dr. H. E. Foote tied both carotids, thirty days apart, with a successful result. The investigations of the retinal circulation before and after these operations, as seen by the ophthalmoscope, formed a most interesting part of this paper. In the *Archives of Ophthalmology and Otology* for 1869 (p. 40) is a paper on "Stricture of the Nasal Duct," in which a new and important modification in the treatment was advocated. Dr. Williams has long cherished the intention of embodying his vast experience in a treatise on ophthalmology, but as yet it only exists in the form of scattered material.

DAVIS, NATHAN SMITH, Chicago, was born in Greene, Chenango co., N. Y., Jan. 9th, 1817, the youngest of seven children of Dow and Eleanor (Smith) Davis. He lived and labored on the farm until sixteen, attending district school in the winter. A six months' session at Casenovia seminary, N. Y., followed, and in April, 1834, he began studying medicine with Dr. Daniel Clark, Smithville Flats, in his native county. In Oct., 1834, he matriculated at the coll. of phys. and surgs. of the Western district of New York, and graduated there in Jan., 1837, for the last two terms being a pupil of Dr. Thomas Jackson, then the leading physician of Binghampton. His thesis was on Animal Temperature, in which he combated the then prevailing theory that the heat of the body was generated by the union of oxygen and carbon in the lungs. Its merits caused it to be read as part of the commencement exercises. After a four months' association with Dr. Daniel Chatfield, of Vienna, Oneida co., he sought a wider field in Binghampton, at whose academy he occasionally lectured by special request on physiology and chemistry. He early began contributing to the medical journals, and some of his papers were copied into European journals, notably that on the "Physiology of the Brain," which appeared in vol. i. of the *American Journal of Insanity*, 1844, p. 235. Joining the Broome co. med. soc., he was one of its censors in 1838. Among his most notable papers at this period were: "Diseases of the Spinal Column, their Causes, Diagnosis, History, and the best Mode of Treatment;" "Discoveries in the Physiology of the Nervous System, from the time of Sir Charles Bell to date," which won the prizes offered by the N. Y. State med. soc. in 1840–41 respectively; and "A Brief View of Dr. Marshall Hall's Views in the Excito-motor System of Nerves," contributed to, and receiving a unanimous vote of thanks from the same society. In 1841–42–43 he was secretary and also librarian of the county soc., and in the last year delegate from Broome co. to the State soc. During 1844 he served on several of the leading committees of the State soc.; and as chairman of that on correspondence relative to medical education and examination made a report in 1845, with recommendations which were really the antecedent measures leading to a call for the national convention. The resolution adopted by the N. Y. State soc. in 1845, which resulted in the holding of this convention in May, 1846, was offered by him, and he promoted its success in advance of meeting by contributions to medical journals and an extensive correspondence with influential medical men in almost every State in the Union. The American med. asso., which grew out of this movement, owes its existence to him. From him came the first suggestion, under

date Sept. 22d, 1845, that a national med. soc., to meet yearly, should be formed, and he is now recognized by the profession as the father of the association. Indeed, at its meeting in Detroit, a medal was ordered to be struck, bearing his likeness on one side, and on the reverse the name and date of the organization. He has been honored, by election, to almost every position within its gift; and in 1864-65 was chosen its president. He is now and has been from its formation the chairman of the judicial council of the association. In 1847 he removed to New York, where he practised two years, taking charge, at the solicitation of the demonstrator of the coll. of phys. and surg., of its dissecting rooms in the winter of 1848, during which year he assumed the editorship of the *Annalist*. In Sept., 1849, he removed to Chicago to take the chair of physiology and pathology in Rush med. coll. The next year he took, also, the chair of the practice of medicine. His connection with this college continued for ten years. When he arrived in the city there was no medical society in the State, and he contributed largely to the formation of one in the State and another in the city. For twelve years he served the former as secretary, and in 1855 as president. In 1850 he took an active part, by lecturing and otherwise, in the movement which culminated in the Mercy hospital, of which he is still the senior attending physician. Here the medical department of the Northwestern university holds its clinics. This university conferred on him the honorary degree of A. M. in 1871. In 1855 he started the *Northwestern Journal*, which he conducted upwards of twenty years; in 1860 the *Medical Examiner*. He is a most voluminous author and contributor to the various medical journals. Among his writings since 1847 the following are the principal: "An Essay on the Philosophy of Medicine, and the Spirit in which it should be Studied;" "Medical Education and Reform;" "The Nature and Curability of Heterologous Tumors;" "Remedial Value and Proper Use of Alcoholic Drinks;" "History of Medical Education and Institutions in the United States;" "An Experimental Inquiry," concerning some points in the functions of assimilation, nutrition and animal heat, also analysis of the blood of the renal artery and vein, and that of the iliac artery and vein of the same animal; and "Clinical Lectures," a work which has just reached a third edition. At the International medical congress in 1876, he read a paper on "American Medical Institutions." He is a member of a number of literary and scientific societies, and of the Chicago historical soc. He aided in found ing the Northwestern university, the Chicago academy of sciences, and the Washingtonian home for the reform of inebriates, of which he is still president. An industrious student and systematic worker, he performs an almost incredible amount of work. He has been a member of the Methodist church since the age of sixteen, and is an ardent advocate of temperance. March 5th, 1838, he married Ann Maria, daughter of late Hon. John Parker, of Vienna, N. Y., and they have three children—a daughter and two sons. The elder, Frank H., is a physician in good practice in Chicago.

BOWDITCH, HENRY INGERSOLL, Boston, Mass., was born at Salem, Mass., Aug. 9th, 1808. He is the son of Nathaniel Bowditch, translator of the "Mecanique Celeste." He passed through the preparatory schools of Salem and Boston to Harvard coll., at which he graduated in 1828, graduating from the Harvard med. coll. in 1833, and settling in Boston. He held for some years the offices of Jackson professor of clinical medicine in the Harvard med. school, and of physician at the Mass. genl. hosp. and of the City hosp. of Boston. In 1876 he was elected to the presidency of the Am. med. asso.; presided at its meeting held in Chicago in June, 1877, and delivered the opening address. During the civil war he was surgeon of the board of enrolment in the same city. He was married in 1838.

COTTING, BENJAMIN EDDY, Boston, Mass., was born at West Cambridge (now Arlington), of English descent, his father's family being from London, and his mother's from Cranbrook, in the county of Kent, an ancestor of hers being rector of Cranbrook church in 1630. He studied at Harvard coll. both in the classical and medical departments, graduating from that institution A. B. in 1834, and A. M. and M. D. in 1837, and settling in Roxbury, Boston. He is ex-president of the Mass. med., and hon. member of the Conn. med. and N. H. med. soc.; member of the council of the American academy of arts and sciences; associate member of the Boston soc. for med. improvement; member of the obs. soc. of Boston; corresponding member of the med. soc. of Athens, Greece; and of the Academy de Quiriti, Rome, Italy. He is also consulting physician and surgeon to the Boston city hosp., and is the author of "Medical Addresses," containing "Nature in Disease;" "My First Question as a Medical Student;" "Disease a Part of the Plan of Creation." He has contrib-

uted "Consumption in Roxbury," 1854, and "Vaccination without Scar," *Boston Medical and Surgical Journal*, 1872; "New Operation for Infleshed Toe-nail," *ibid*, 1873; "Belfry Murder Case and its Confirmation," *ibid*, 1876; and many other articles. In 1843 he married Catharine Greene, daughter of William Sayre, Esq., of New York.

DUGAS, LOUIS ALEXANDER, Augusta, Ga., was born in Washington, Ga., Jan. 3d, 1806, of parentage who immigrated from St. Domingo, French W. I. He was educated at home, studied medicine in the office of Dr. John Dent, and attended lectures in Philadelphia and Baltimore, graduating at the med. dep't of the univ. of Md., Baltimore, in 1827. After spending several years in Europe in attendance on hospitals and other institutions of learning, he returned to this country and settled in Augusta in June, 1831. In the practice of his profession he has treated thirty cases of urinary calculus, four of which were successfully subjected to lithotrity. In 1832 he united with five others in founding and organizing the med. coll. of Ga., in which he still holds the professorship of surgery. In 1834 he revisited Europe for the purpose of purchasing the library and general outfits of the museum of the college, and while in Paris he was elected member of the geol. soc. of France. In 1869 the univ. of Ga. conferred on him the degree of LL. D. Besides membership in a number of literary and scientific bodies, he was for many years president of the med. soc. of Augusta, and has been repeatedly elected to the presidency of the med. asso. of Ga. He was also one of the vice-presidents of the International medical congress held in Philadelphia in 1876. His contributions to medical literature consist of a variety of articles to the *Southern Medical and Surgical Journal*, of which he assumed editorial supervision in 1851, a position which he held for seven years. Among these articles may be mentioned the following: "Rheumatism," vols. for 1836–37 and 1861; "Ophthalmia;" "Colica Pictonum;" "Hydrocephalus tapped seven times," and "Convulsions," vol. for 1836–37; "Physiology of the Liver," vol. for 1838–39; "Surgical Operations during Mesmeric Insensibility," vol. for 1845–46; "Use of Quinine in Fevers," vol. for 1847; "Treatment of Fractures," vol. for 1850; "Fractures of Clavicle," vol. for 1852; "Local Anæsthesia," vol. for 1855–56; "New Diagnosis of Shoulder Dislocations," vol. for 1856–58; "Fractures of Scapula," vol. for 1857–59; "Effects of Intemperance," vol. for 1858; "Fractures of Femur," vol. for 1859; "Aneurism," vol. for 1859; "Paralysis of Arm from a Blow," vol. for 1861; "Compound Fracture of Femur Healed in four days," vol. for 1866; "Case of Urinary Calculus," Transactions med. asso. of Ga., 1874; "Penetrating Wounds of Abdomen," Transactions of International medical congress, 1876; "Pathological Peculiarities of Negroes," Transactions of med. asso. of Ga., 1876. During the civil war he was volunteer and consulting surgeon of many of the military hospitals. He holds the position of president of the gaslight company of Augusta, and of the academy of Richmond co., Ga. He has been married twice—the first time, in 1833, to Mary C. Barnes; her death occurred the same year. In 1840 he married Louisa V. Harriss, daughter of Rev. Uriah Harriss, of Columbia co., Ga.

POST, ALFRED CHARLES, New York, son of Joel and Elizabeth (Browne) Post, was born in New York, Jan. 13th, 1806. Educated at Nelson's grammar school, Columbia col., and the N. Y. col. of phys. and surg., he graduated from the last named in 1827. Two years later, having meanwhile studied in Paris, Berlin, London, Vienna, etc., he established himself in New York, giving his attention mainly to surgery, and paying especial attention to the treatment of cicatricial contractions, deformities from burns, and other analogous injuries. In 1835 he removed to Brooklyn, but, after passing two years in that city, resumed his residence in New York, where he has since remained. As a surgeon generally, and within the lines of his specialties particularly, his practice, of large extent, has been very uniformly successful, and he is to be regarded as one of the leading surgeons of America. He is a member of the Berlin königlich medizinisch; chirurgische geselbschaft; Boston gynæcol. soc.; N. Y. pathol. soc.; N. Y. co. med. soc. and acad. of med.; having been vice-president of the latter in 1861–66, and president 1867–68; and of the Am. med. asso., of which he was once chosen vice-president. As an author, his writings, dealing principally with surgical matters, have been confined to contributions to professional periodicals, with the exception of a small volume on "Strabismus," published in 1840. Among his more important papers may be cited the following: "Report on Stricture of the Urethra," in *N. Y. Medical Journal;* "Case of Blepharoplasty," in *N. Y. Medical Gazette;* on "Club-foot," in *Medical Record;* on "Treatment of Stone in the Bladder," *N. Y. Medical Times;* on "Cicatricial Contractions," in *Medical Record;* on "Contractions of Palmar Fascia," in

Archives of Clinical Surgery. From 1831 to 1835 he was demonstrator of anatomy to the N. Y. coll. of phys. and surg., and from 1836 to 1852 was attending surgeon to the N. Y. hosp. Since 1852 he has been consulting surgeon to the latter institution. From 1851 to 1875 he was prof. of surg. in the med. dep't of the univ. of N. Y.; in 1875 was made emeritus professor, and has been since 1873 president of the medical faculty. He is also consulting surgeon to St. Luke's hosp.; attending surgeon to the Presbyterian hosp.; and president of the med. board of the woman's hosp. He married, April 13th, 1831, Harriet, daughter of Cyrenius Beers, Esq., of New York, by whom he had eleven children, of whom seven are living. One of his sons is Dr. George E. Post, prof. of surg. in the Syrian Protestant coll. at Beyrout.

SMITH, HENRY H., of Philadelphia, was born in that city, Dec. 10th, 1815. His father, James S., was a distinguished lawyer. Dr. Smith was educated in Wylie & Engle's well-known classical academy; graduated at the coll. dep't of the univ. of Pa. in 1834; studied medicine with Prof. William E. Horner, and graduated in medicine at the university in 1837. He was then resident surgeon of the Pa. hosp. two years, under Drs. Thomas, Harris, Randolph and Norris, and visited the London, Paris, and Vienna hospitals in 1839; spent eighteen months in study in various European institutions, and on his return, in 1841, commenced instructing private classes in surgery, and delivering lectures on bandaging, and other surgical topics. In Oct., 1843, he married Mary Edmunds, oldest child of Prof. William E. Horner. He is widely known as an author in medical literature. He commenced this career in 1841 with the translation of a "Treatise on the Medical and Prophylactic Treatment of Stone and Gravel," by the distinguished French surgeon Civiale, D. M. P. In 1843 he published an "Anatomical Atlas," to illustrate "Horner's Special Anatomy," and the next year a treatise on "Minor Surgery," that was republished in 1846, 1850 and 1859. He also edited the "United States Dissecter." His "System of Operative Surgery," in 2 vols., octavo, with a very extended and admirable bibliographical index to the writings and operations of American surgeons for a term of two hundred and thirty-four years, was first issued in 1852, and re-issued in 1856, 1859 and 1863. In 1855 he gave the profession an essay on "The Treatment of Disunited Fractures by means of Artificial Limbs;" and followed it the next year with the "Practice of Surgery," in two octavo volumes. He also published, in these and subsequent years, numerous surgical articles in the *American Journal of the Medical Sciences*, and other leading professional periodicals. Chosen one of the surgeons of the St. Joseph's hosp., Philadelphia, in 1849, and surgeon of the Episcopal hosp. soon after, he was elected one of the surgical staff of the Blockley almshouse hosp., 1854; and having been for several years assistant lecturer on clin. surg., in the univ. of Pa., he was chosen prof. of surg. there in May, 1855. In all of these various positions he was constantly engaged in performing the most important and often capital operations; while a large private practice enable many to profit by the fruits of a singularly extended and well-grounded experience. At the commencement of the rebellion he was selected by the governor of the commonwealth to organize the hosp. dep't of Pa. that had been authorized by the legislature. And at the same time Gov. Curtin appointed him surg.-gen. of Pa., with the same military rank as that held by the surg.-gen. of the U. S.—col. He contributed much to the efficiency of the medical service of the Pennsylvania reserves and other State regiments in this capacity. He inaugurated the plan of removing the wounded from the battle-field to large hospitals, after the first battle at Winchester, between Gen. Shields and "Stonewall" Jackson, sending many to Philadelphia, Reading, Harrisburg, and other places. He won the warmest thanks of uncounted relatives, by inaugurating the system of embalming the dead at nearly the same time. No act in the medical and hospital department of the army won more praise than was at the time and has since been awarded to this. He also organized and directed a corps of surgeons, under Pennsylvania authority, at the siege of Yorktown, with steamers as floating hospitals. They were furnished with stores by private contributions. He also assisted Surg. Tripler and the general government in organizing similar hospitals. He participated in the surgery following the battles of Williamsburg, West Point, Fair Oaks, and Coal Harbor, and rendered the greatest service in directing and aiding the operations after the bloody battle of Antietam. Having seen the department thoroughly organized and efficient, he was constrained to heed the calls of private practice, and resigned his commission as sur.-gen. in Oct., 1862, and has since been actively employed in ordinary professional duty. He resigned the professorship of surgery in the university in March, 1871, after thirty years labor as a teacher, and was elected professor emeritus in that institution. As a lecturer he

is described as "excellent and unexceptionable in his style of speaking—quiet, fluent, self-possessed, systematic, and thorough. As a surgeon he is regarded as conservative and very considerate of final results, and therefore successful."

PAINE, MARTYN, New York, was born in Williamstown, Vt., July 8th, 1794. His father, Elijah Paine, LL.D., was a senator during Washington's administration, and subsequently United States judge for the District Court of Vermont, a position which he held for forty years. He was educated at Harvard univ., graduating with the class of 1813, and also in 1816 from the med. dep't of the same university. He is A. M. and LL.D. In 1816 he settled in Montreal, Can., but removed to New York in 1822. He has always been employed in medical pursuits, practical and literary; was a prof. in the med. coll. of the N. Y. univ. from 1841 to 1867, and is now emeritus prof. in that institution. He is prof. of the institutes of med. and mat. med. in the med. dep't of the univ. of N. Y.; corresponding member of the royal verein für heilkunde in Preussen; of the royal medico-chirurg. acad. of Turin; gesellschaft für natur und heilkunde zu Dresden; member of the med. soc. of Leipsic; of the med. soc. of Sweden; honorary member of the imperial univ. physico-medical soc. of Moscow; foreign member of the med. soc. of Norway; of the royal acad. of sciences of Upsal; of the Montreal nat. hist. soc., and of many other learned societies. His contributions to medical literature have been very numerous, and upon a variety of subjects. Among them the following are some of the principal: "Medical and Physiological Commentaries," 8vo., vols. i. and ii., 1840, pp. 1531; vol. iii., 1844; "Institutes of Medicine," 8vo., 1st ed., 1847, 9th ed., 1876, pp. 1151; "Materia Medica and Therapeutics," 12mo., 1st ed., 1848, 3d ed., 1859, pp. 411; "Physiology of the Soul and Instinct as distinguished from Materialism," 8vo., pp. 707, 1872, 2d ed., 1872, pp. 712; also a duodecimo volume on the same subject of 173 pages in 1849; "On the Cholera Asphyxia of New York," 8vo., 1832, pp. 160; "On the Philosophy of Vitality, and on the Modus Operandi of Remedial Agents," 8vo., 1842, pp. 70; "Experiments to Ascertain whether the Quantity of Blood circulating in the Brain may be Reduced by Blood-letting," published originally in the *Medico-Chirurgical Review*, London, 1834; "On Theoretical Geology, sustaining the natural interpretation of the Mosaic Narrative of Creation and the Flood, in opposition to the prevailing geological hypotheses," 8vo., pp. 121; published originally in the *Protestant Episcopal Quarterly Review*, New York, April, 1856; "Organic Life as distinguished from the Chemical and Physical Doctrines," 12mo., 1849, pp. 53; "Physiology of Digestion," 8vo., 1844; "Defence of the Medical Profession of the United States," 8vo., 1847; "Essays and Reviews" in medical and other periodicals, among which are seventeen articles showing the superiority of medical education in the United States over that in Great Britain, founded upon parliamentary documents, and which appeared editorially in the New York *Medical Press* from Jan. 29th to June 4th, 1859. In 1825 he married Mary Ann, daughter of Ezra Weeks, Esq., of New York.

MONMONIER, JOHN F., Baltimore, Md., born in Baltimore, April 4th, 1813, is the eldest son of Francis Monmonier of Paris, France, and Susannah (Boyle) Monmonier of the United States, and grandson of Charles De Monmonier, Chevalier Sconbecque, of France. His mother's ancestors (Lancaster) were early English settlers of Bohemia Manor, Md., near the Delaware line. His early education was obtained at a private academy in Baltimore, and then at St. Mary's coll., under the control of the society of St. Sulpice. After five years spent here he entered the private anatomical school of Dr. Duncan Turnbull, then pursued a three years course at the university of Maryland, graduating in March, 1834, and settling in Baltimore. In 1838 he was elected physician to the Maryland penitentiary, and served four years. In 1849 he was appointed physician to the board of health, and also ex-officio president of the board, serving in that capacity for a term of two years. In 1867, aided in the organization of the med. dep't of the Washington univ., was its prof. of phys. till 1875, and then prof. of diseases of women and children in the same institution. He is a member of the med. and chirurg. faculty of Maryland, and has been for more than twenty years chairman of its executive committee, and its president in 1876; has been frequently its delegate to the Am. med. asso., and was representative to the International med. congress at Philadelphia in 1876; is a member of the Baltimore med. asso., its vice-president in 1875, and is now a member of its committee of honor. In 1836 was elected to the Baltimore city councils, and also one of the board of school commissioners, occupying the latter position sixteen years, and being for several years its president. During his administration the school system was much improved and its usefulness extended; was one of the organizers of

the Merchants' and Mechanics' fire insurance co., and its director previous to its loss of capital by the Chicago fire; is now a director of the Central savings bank for the poor and persons of moderate means. In Aug., 1837, he married Catharine, daughter of Capt. John Hooper, of Dorchester co., Md. Of eight children which he has had, two of his sons are physicians—one, Dr. John N. Monmonier, having been prof. of anat. and operative surg. in Washington univ.

PALMER, ALONZO B., Ann Arbor, Mich., was born in Richfield, Otsego co., N. Y., Oct. 6th, 1815. His father, born in Stonington, Conn., came of old Puritan stock. He was educated in the schools and academies of Otsego, Herkimer, and Oswego counties, N. Y., and graduated in medicine at the coll. of phys. and surg. of the western district of N. Y. in 1839. After passing the winters of 1847 and 1848 in New York city, and that of 1849 and 1850 in Philadelphia, in attendance on medical schools and hospitals, he took up his residence at Tecumseh, Mich., but removed to Chicago soon after. During 1852 he served as city physician during a severe cholera season among emigrants from the northern parts of Europe, and in the same year received the appointment of prof. of anat. in the coll. of med. and surg. in the univ. of Mich.; in 1854 was transferred to the chair of mat. med., therap. and diseases of women and children; and in 1860 was transferred again, this time to the chair of pathol. and prac. of med., a position which he still holds. In 1855 he was the recipient of the degree of A. M. from the univ. of Nashville, Tenn. Visiting Europe in 1859, he spent most of his time in the medical schools and hospitals of London, Dublin, Edinburgh and Paris, returning to this country on the opening of the war of the rebellion, in which he became subsequently engaged. In Sept., 1861, he resumed his duties as prof. in the univ. of Mich. In 1864 he was appointed prof. of pathol. and prac. of med. in Berkshire med. coll., Mass., and in 1869 to the same chair in the med. school of Bowdoin coll., Me. The latter position he still holds, the lectures being delivered during the vacation of the univ. of Mich. Although occupied with a large general practice in Tecumseh and Chicago, he has, since his removal from Chicago, devoted himself principally to teaching medicine and the practical duties of the physician; and while his clinical, hospital, and consulting practices are still large, yet his most absorbing work is teaching, most of his time being occupied with his duties of instruction. His students, in the different medical schools in which he is and has been engaged, number about nine thousand. During the whole period in which he has held the professor's chair, he has been a decided antagonist to the habitual use of alcoholic liquors and other narcotics, whether tobacco or opium, and has even taught the inutility and often ill effects of tea and coffee when used as stimulants. Dr. Palmer is a member of the Am. med. asso., and for many years took an active part at its meetings. He was elected its vice-president in 1860, and held that office during its suspension and until its meeting in Chicago. He has also, at different times, been chairman of various standing committees of the association. In 1859 he was elected hon. mem. of the N. Y. State med. soc.; was president of the Mich. State med. soc. in 1872 and 1873, and was elected hon. mem. of the State med. soc. of Me. in 1875. Among his varied contributions to medical literature may be mentioned, "A Full Report of the Chicago Cholera Epidemic of 1852," referred to above, considered in connection with the sanitary condition of the city at that time. As chairman of committees of the Am. med. asso. he made various reports, viz.: on "The Plan of Organization of State and County Medical Societies;" on "Medical Literature;" and on "Medical Education." He has contributed numerous papers to medical journals, besides publishing a brochure on "Sulphate of Quinine," and another on "Asiatic Cholera;" four lectures on "Homœopathy," criticising adversely the dogmas of that school. He has published several clinical lectures on "Paralysis," and on "Pneumonia," reference being made in the latter to the experience of several years practice in the use of free antipyretic and antiphlogistic doses of quinine. In addition to the above he was, with others, editor, from 1852 to 1859, of the *Peninsular Journal of Medicine*. In the beginning of the war of the rebellion, in the spring of 1861, he was appointed surgeon of the 2d Mich. regt. of infantry; was ranking surgeon in Gen. Richardson's brigade at the first battle of Bull Run, and dressed the first wound inflicted by the enemy at Blackburn's Ford on July 18th. The position of army surgeon, however, he resigned in Sept., 1861, to perform the duties of the professorship previously mentioned. He nevertheless visited the army as volunteer surgeon, during the vacations of the college, on various occasions during the war.

CLENDENIN, WILLIAM, Cincinnati, O., son of William and Mary Clendenin, both of Scotch descent, was born, Oct. 1st, 1829, in Cumberland co., Pa. He was

educated at a public school in Newcastle, Pa., and studied medicine at the med. coll. of Ohio, from which he graduated in 1850. He practised six months in Newcastle, Pa., but in 1852 removed to Cincinnati, where, in 1853, he entered the office of Prof. R. D. Mussey and Dr. W. H. Mussey, with whom he remained until July, 1859, when he went to Paris, studying there till Oct., 1860, and then returning to Cincinnati, and opening an office of his own. In May, 1861, he visited Washington, D. C., and was examined by the medical examining board of the army for admission to the corps of brigade surgeons, and, gaining admission, was commissioned accordingly, remaining in the army till the fall of 1865, after which he was appointed by President Johnson consul to St. Petersburg, Russia, but, declining the appointment, married, and returned to Cincinnati, where he at last settled permanently. He is a member of the Am. pub. health asso., the Cincinnati acad. of med., the med. soc. of Cincinnati, and the Am. med. asso. He is the author of "A Compendium of Anatomy," now in press, and of numerous papers on a variety of sanitary and other medical subjects. In November, 1865, he was appointed health physician of the city of Cincinnati, a position which he held until June, 1873. He was formerly a member of the surgical section of the staff of the Cincinnati hosp.; and he now occupies the chair of gen., descrip., and surg. anat. in the Miami med. coll., as he has since 1865.

FOWLER, JOSEPH McGOWAN, Columbia, Tenn., son of Joseph and Julia S. (Orna) Fowler, the former of English, the latter of American extraction, was born in Lexington, Ky., July 17th, 1822. Educated at the grammar school of Transylvania univ., at La Grange, Ala., coll., and in the med. dep't of the univ. of Pa., he graduated M. D. from the latter institution in 1848, and in the same year established himself in general practice in Columbia, where he has since, save during the war, remained. He is a fellow of the Pulaski acad. of med.; member of the State med. asso., president in 1871; and a member of the Am. med. asso. He has occasionally contributed to professional publications, and as among his more important papers may be mentioned: on "Ready Method of Sir Marshall Hall," *London Lancet;* on "Splenectopia," *Nashville Medical and Surgical Journal*; on "Evolution in Medicine," Transactions Medical Society, Tenn.; on "Medical History of Maury County," forthcoming Medical History of Tenn., Ramsay & Lindsley. Previously to studying medicine he was (1840–47) a member of the faculty of La Grange coll. Upon the breaking out of the late war he entered the Confederate army as surgeon to the 1st Tenn. cavalry; was subsequently attached to the staff of Brig.-Gen. John Adams, and in the latter position served until 1863, when he was captured and paroled. He married, March 16th, 1847, Catharine Chapman, daughter of Peter Imlay Vorhees, Esq., of Columbia, formerly of New Jersey.

KIRKBRIDE, THOMAS S., Philadelphia, was born, July 31st, 1809, near Morrisville, Bucks co., Pa. His ancestor, Joseph Kirkbride, came to this country from the parish of Kirkbride, county of Cumberland, England, with William Penn, being connected with the Society of Friends, as have been his descendants down to the present generation. He received his academical education at Trenton, N. J., and graduated from the med. dep't of the univ. of Pa. in March, 1832. In the following April he was appointed resident physician to the Friends' asylum for the insane, in which position he served for one year, when, in March, 1833, he was elected resident physician to the Pa. hosp., where he remained two years, after which he engaged in private practice, settling in Philadelphia, and pursuing his practice till Dec., 1840. In Oct. of the latter year he was elected, without solicitation on his part, physician-in-chief and superintendent of the Pa. hosp. for the insane, a new institution, then nearly completed, and to which it was proposed to remove the insane from the old hospital at Eighth and Pine streets. The new hospital was opened on the first day of Jan., 1841, since which time he has had the care and management of it; the inmates having increased meanwhile from ninety-seven to four hundred and forty, the institution being capable at present of accommodating five hundred. In 1854, the original building having become crowded, he recommended the erection of a new one on the grounds of the institution, and a complete separation of the sexes. He further recommended that the building proposed should be erected through an appeal to the public, which, accordingly, was made and with entire success, the building being completed wholly from private contributions, exceeding in the aggregate three hundred and fifty-five thousand dollars. The new building was opened in Oct., 1859, and since that time the Pa. hosp. for the insane has consisted of two separate departments—one for men and one for women—each having a capacity for two hundred and fifty patients, and en-

tirely distinct from each other in all their arrangements, though with the same physician-in-chief, and the same board of managers. The success of this experiment has been complete, and has led to the adoption of the plan in other institutions. He is a member of the association of medical superintendents of American institutions for the insane, of which he was one of the originators, and for eight years the president; the Philadelphia med. soc.; and the Am. phil. soc.; a fellow of the coll. of phys. of Philadelphia; and hon. member of the British psycho. asso., not to mention others at home and abroad. He has written a work on "The Construction, Organization and General Arrangements of Hospitals for the Insane," Philadelphia, 1856; and one on "Rules for the Government of those Employed in the Care of the Insane," 1844; besides thirty-six "Annual Reports" from the hospital, in which most subjects connected with the care of the insane are discussed. He also has contributed various articles and reviews to the *American Journal of the Medical Sciences*, the *American Journal of Insanity*, and other periodicals. While in private practice he was physician to numerous charitable institutions, including the House of Refuge, the Magdalen asylum, and the Institution for the Blind, of which latter he has been a manager from near the time of its first foundation. He has a son, Dr. Joseph I. Kirkbride, engaged in private practice in Philadelphia, and a daughter, married to Dr. Thomas George Morton, one of the surgeons of the Pa. hosp.

THACKER, JOHN A., Cincinnati, son of Dr. John Thacker, was born in Goshen, Clermont co., O., Jan. 1st, 1833. Graduating from Wittenberg coll., Springfield, O., he began his professional studies under Dr. Townsend Thacker, a relative; subsequently entered Miami med. coll. (old organization), and in March, 1856, graduated M. D. from that institution. With one other member of his class he successfully passed one examination for the position of intern in the St. John's hosp., Cincinnati; was resident in this hospital for some time; subsequently served for ten months as physician to and superintendent of the Hamilton co. insane asylum, and in 18— established himself in private practice in Cincinnati. He is a fellow of the Cincinnati acad. of med.; hon. member of the Muskingum co. (O.) med. soc., and corresponding member of the Memphis, Tenn., and Dunkirk, N. Y., microscopical societies. His professional publications, confined to papers in the leading periodicals, have been extensive and important, and while treating largely of psychology and microscopy, have covered a tolerably broad field. Many have been republished in European journals, and a number have first appeared in the London *Lancet*, and London *Monthly Microscopical Journal*. During the years 1861–62 he edited the Cincinnati *Medical and Surgical News*, and in 1868 founded the Cincinnati *Medical Repertory*, which, under the name of the *Medical News*, he still (1877) successfully conducts. In 1863–64 he occupied the chair of anatomy in the Cincinnati coll. of med. and surg.; in 1868 was appointed to the chair of psychology and diseases of the mind in the same institution, and in 1871, upon a reorganization of the faculty, was transferred to the chair of the principles and practice of medicine, a position which he still fills.

ARNOLD, EDMUND SAMUEL FOSTER, Newport, R. I., was born in Bermondsey, London, England, Jan. 30th, 1820. He is the second son of the late William Rowland Arnold, for thirty years accountant-general of the South Sea company, London, and for forty years secretary and accountant of Guy's hosp., London; also by descent of the elder branch of the Arnolds of Lowestoffe, Suffolk, England. He was educated first in a private school, then at the Moravian institution at Neuwied, on the Rhine, entered Guy's hosp., London, as a house pupil in 1835, remained there continuously till 1844, with the exception of session 1837-38, when he attended the anatomical and physiological lectures of Mayer and Weber at the university of Bonn. In 1842 he was licensed medical practitioner at Apothecaries' hall, London, and in 1844 made a member of the Royal coll. of surg. of England (the two constituting the fully qualified medical practitioner of England). In 1848 he received the M. D. degree from the Jefferson med. coll. in Philadelphia. He began practice as an assistant to a large practice in the suburbs of London—Barnet Common; in 1847 came to the United States; from 1848 to 1854 was settled in New York city; from 1854 to 1872 at Yonkers, on the Hudson, when he retired from active practice by reason of ill health, and took up his residence in Newport, R. I. Among the cases which he has attended are mentioned two remarkable ones of arm and shoulder presentation, delivered spontaneously by the head, *American Medical Times*, June, 1861; and a case of compound dislocation of ankle joint, *ibid*, Nov., 1861. He is a fellow of the N. Y. acad. of med.—elected 1861; member of the Am. med. asso.; permanent member of the

N. Y. State med. soc., from which he was delegate to N. J. in 1864, to Pa. in 1865, to Mass. in 1866, to Conn. in 1868, also more than once to the Am. med. asso.; member of Westchester co. med. soc., of which he was president 1867–68; member of the N. Y. med. journal soc., of which he has been a trustee; corresponding member of the N. Y. med. leg. soc.; and was active in the establishment of St. John's Riverside hosp., Yonkers, of which he was the first physician. He has contributed various articles to the *American Medical Times*, among them "Letter of a Country Surgeon," favoring the establishment of a life-saving institution to be incorporated with the railroad system. Subsequently, after consultation with Dr. Valentine Mott as to the necessity of the movement, published the following papers: "On Medical Provision for Railroads, as a Humanitarian Measure, and as a Source of Economy to the Railroads;" and "Medical Provision for Railroads," in the N. Y. State Medical Transactions, 1862–63, the latter a supplementary paper read before the surgical section of the acad. of med., N. Y., 1862; "On Opium in Shock and Reaction," before the same section, N. Y. acad., enlarged and published in Pennsylvania State Medical Transactions, 1865. From 1862 to 1868 he was health officer of Yonkers, during the latter period merged into the New York board of health; and from 1865 to 1872 physician at the Motherhouse and coll. of Mount St. Vincent, Sisters of Charity, of St. Vincent de Paul, Hudson river; in 1871–72 was surgeon of the 3d Westchester regiment, N. Y. State militia. In 1856 he married Eliza, daughter of Hon. Jas. R. Whiting, then one of the judges of the Supreme Court, State of New York.

BUMSTEAD, FREEMAN J., New York, was born in Boston, Mass., April 21st, 1826. His father was Josiah F. Bumstead, a merchant; his mother, Lucy D. Willis, sister of N. P. Willis, the poet. He received his preparatory education at the Boston high school and the Boston Latin school; pursued his academical course at Williams coll., and graduated in 1847. In 1851 he graduated from the Harvard med. school, subsequently attending medical lectures in Paris, and settling in New York city in 1852. He has made a specialty of venereal diseases. He is a member of the New York acad. of med.; the co. med. soc.; the Torrey botanical club, of which he was vice-president in 1875–76; a corresponding member of the dermatological soc.; and was formerly a member of the Am. ophthalmological soc., having resigned in 1876. He has held the posts of surgeon to the New York eye and ear infirmary; surgeon to St. Luke's hosp., New York; surgeon to the venereal wards of Charity hosp., Blackwell's Island; consulting surgeon to the Strangers' hosp., and that of clinical prof. of venereal diseases at the coll. of phys. and surg., New York. Among his contributions to medical literature is the translation of Ricord's notes to Hunter's "Treatise on the Venereal Disease;" "Bumstead's Pathology and Treatment of Venereal Diseases," 1861, 1864 and 1870; the translation of Cullerier's "Atlas of Venereal Diseases;" and various papers in medical journals. He was married in 1861 to M. Josephine White, daughter of Ferdinand E. White, of Boston, and has five children.

STORER, DAVID HUMPHREYS, Boston, Mass., was born in Portland, Me., March 26th, 1804. He was educated in Bowdoin coll., whence he graduated in 1822, and which institution conferred upon him the degree of LL. D. in 1876. He graduated in medicine at the Harvard med. school in 1825, and settled in Boston. He is a member of the American academy of arts and sciences; Am. phil. soc.; Mass. med. soc.; Boston soc. for med. imp.; Boston soc. of natural hist.; member of the Am. asso. for the advancement of science; hon. member of the med. soc. for the State of N. Y.; also of the Rhode Island med. soc.; corres. member of the acad. of natural sciences of Phila. He was physician to the Mass. genl. hosp. from 1849 to 1858; was prof. of obstetrics and med. jurisprudence in the Harvard med. school from 1839 to 1858; and also held the position of president of the Am. med. asso. in 1866. He has delivered, on many occasions, a large number of lectures and addresses on various scientific subjects, and has made important additions to science, especially in the department of ichthyology. On this he has published "Synopsis of the Fishes of North America," communicated to the meeting of American naturalists, New Haven, in April, 1845 (8vo., 298 pp.), "Fishes of Massachusetts" (4to., 287 pp., and 174 illustrations).

ANTISELL, THOMAS, Washington, D. C., born in Dublin, Ireland, Jan. 16th, 1817, is the son of a lawyer, his ancestry going back to the last of the English crusaders. Educated at Trinity coll., Dublin, where he received the degree of A. B., he studied medicine at the Dublin school of med., the Irish Apothecaries' hall school, and the Royal coll. of surg., London, from which last he graduated in Nov., 1839. He practised in Dublin until 1848, in New York from

1848 to 1854, and from 1856 to the present time (except an interval of five years in Japan) in Washington, D. C., in which he still resides. All his professional life he has been a medical teacher, his specialty being analyitcal and technical chemistry. He is a member of the med. asso. of the District of Columbia, and of the Am. philosoph. soc. of Washington; and a corresponding member of the acad. of natural sciences, Philadelphia, and of the geograph. soc., New York. His literary productions comprise "A Manual of Elementary Geology," Dublin, 1846; "A Manual of Agricultural Chemistry," Dublin, 1847; "Home Cyclopedia of Arts and Manufactures," Putnam, N. Y., 1852; made a geological reconnoissance of Southern California and Arizona Territory during the P. R. R. survey on the 32d parallel by Lieut. Parke, topographical engineer U. S. A., and published in the 7th vol. of the "United States Reports of Explorations and Surveys," 1856; "Photogenic and Hydro-Carbon Oils," Appleton, N. Y., 1859; a paper on the "Constitution and Source of Bile," in the *American Journal of Medical Sciences* for Jan., 1864; a report on the "Sanitary Condition of the City of Washington," published in the Transactions of the med. soc. of the District of Columbia for 1864; a paper on "Epizotee of Horned Cattle," published in the Transactions of the Am. agricul. asso. for 1861; a report made by the committee on medical education to the Am. med. asso. at its meeting in 1865; a paper on "The Value of the Sewage of the City of Washington," included in the "Report of the United States Agricultural Department" for 1869; and Introductory and Valedictory Addresses from 1854 to 1871, six in number. He has been chemical examiner in the U. S. Patent Office; and chief chemist in the department of agriculture. During the civil war he was brigade surgeon and surgeon of the U. S. volunteers; medical director of the 12th army corps; surgeon in charge of Harewood hosp., Washington; surgeon in charge of sick and wounded officers in Washington; and president of the board of examiners for surgeons and assistant surgeons in the U. S. volunteers, mustered out in Oct., 1865. In 1871 he went to Japan as a member of the government commission to develop the northern part of that empire, returning in 1876. He has been twice married—his first wife having been Miss Newlan, of Dublin; and his second, Marian Forsyth, of Detroit, Mich.

CABELL, JAMES L., University of Virginia, Va., born in Nelson co., Va., Aug. 26th, 1813, is the great-grandson of Dr. William Cabell, a surgeon in the English navy, who emigrated to Virginia from Warminster, England, about 1720, and from whom the now very extensive family, residing in Virginia, Kentucky and other Southern and Western States, has descended. Educated at private schools in Richmond, and at the university of Virginia, from which he received the degree of M. A. in 1833. Graduated in medicine in 1834 at the med. dep't of the univ. of Md., Baltimore. Pursued chemical studies at Baltimore almshouse, in the hospitals of Philadelphia, and in those of Paris until the winter of 1837, when he was appointed prof. of anat. and surg. in the med. dep't of the univ. of Virginia, where he still remains, filling at present the chair of physiology and surgery. Received from Hampden-Sidney coll., Virginia, in 1873, the hon. degree of LL. D. Has been a member of the Am. med. asso. since its organization, and has contributed several reports, which are published in the Transactions of that body. For the last four years he has been a member of the section on hygiene and State med.; was elected in 1873 corresponding member of the New York soc. of neurology and electrology; was chosen president of the med. soc. of Virginia in Oct., 1876. He has contributed sundry articles ("Clinical Reports," "Reviews of Medical Books," etc.) to several medical journals, and is the author of a work on the "Unity of Mankind," published in 1858. During the late civil war he had charge of the military hosp. in Charlottesville, from July, 1861, to May, 1862, and again from Sept., 1862, to the close of the war, having had charge in the interval of the hospitals in Danville, Va. Married in 1839, and has been a widower since 1874.

LE CONTE, JOHN, Berkeley, Alameda co., Cal., was born, Dec. 4th, 1818, in Liberty co., Ga., being the second son of Lewis Le Conte, and paternally descended from a Huguenot family who emigrated to New Rochelle, N. Y., near the close of the seventeenth century, and maternally from New England Puritans. He was educated in private schools, Franklin coll., univ. of Georgia (A. B., 1838), and at the coll. of phys. and surg., New York, from which he graduated and received the degree of M. D. in March, 1841. Locating in Savannah, Ga., in 1842, he was elected prof. natural philosophy and chemistry in Franklin coll. (univ. of Georgia) in 1846; lecturer on chemistry in coll. of phys. and surg., New York, 1855–56; prof. of natural philosophy in South Carolina coll., in the spring of 1856; prof. of physics in univ. of California in Nov., 1868; and

president of the same institution in June, 1876. He is a member of the Am. asso. for advancement of science; Am. philosoph. soc.; and corresponding member of the acad. of natural sciences, Philadelphia, and also of the N. Y. acad. of sciences. Among his contributions to the literature of the medical profession are: "Mechanism of Vomiting," 1842; "Explanation of Difference in Size of Male and Female Urinary Bladder," 1842; "Essay on Origin of Syphilis," 1844; "Effects of Lightning," 1844; "Observations on Geophagy," 1845; "Experiments Illustrating Seat of Volition in Alligator, with Strictures on Reflex Theory," 1845; "Statistical Researches on Cancer," 1846; "Philosophy of Medicine," 1849; "Vital Statistics, Illustrated by Laws of Mortality from Cancer," 1872. Since 1846 his contributions have been mainly limited to subjects relating to the physical sciences. He was married in July, 1841, to E. J., daughter of James Graham, Esq., of New York, originally of Glasgow.

HARRISON, JAMES FRANCIS, University of Virginia, Va., was born in Fairfax co., in that State, March 20th, 1822, of English and Irish ancestry. Educated in the home schools in Virginia, he graduated in medicine at Jefferson med. coll., Philadelphia, in 1852. He has lived principally in Virginia. He has received gold medals from the imperial government of France, and from the corporation of Portsmouth, Va., for distinguished services. He was a member of the State med. soc. of Virginia; of the med. soc. of the Confed. States, and vice-president of the State med. soc., and member of the acad. of med. of Richmond. In 1867 he was elected prof. of medicine and medical jurisprudence and obstetrics in the univ. of Virginia, and in 1873 was elected chairman of the faculty. In 1847 he entered the U. S. navy as asst. surgeon, and was promoted to surgeon in 1861; was asst. surgeon during the Mexican war, 1847–48, and in 1858 was assigned to duty on the frigate Sabine, and was with Admiral Shubrick in the Paraguay war. He was for three years surgeon in the Confederate States navy; chief of medical bureau of the latter, and member of the naval medical examining board. He was married twice. One of his sons is now prof. of chemistry in the Mobile med. school, having graduated at the univ. of Virginia.

SMITH, ALBERT, of Peterborough, N. H., was born in that town, June 18th, 1801. He was the son of Hon. Samuel and Sally Garfield Smith, his father being the son of William Smith, one of the first settlers of the town. He was prepared for college at Groton acad., Mass., and graduated at Dartmouth coll. in 1825, where he subsequently studied, and also in the med. dep't of that college, receiving his degree of M. D. in 1833. The degree of LL. D. was also conferred upon him by same institution in 1870. He commenced practice at Leominster, Mass., and after about five years removed to Peterborough, N. H., and continued in active business till within the past two or three years, when he has been gradually withdrawing from practice. In 1849 he was appointed prof. materia medica and therapeutics at Dartmouth coll., and delivered the lectures in this department at the annual session of the school for twenty consecutive years. The same course was delivered at Castleton med. coll., 1857, and at Bowdoin, in 1858. He resigned in 1870, and was subsequently appointed prof. emeritus of materia medica and therapeutics. He is now a member of the N. Hamp. med. soc., was president in 1853—his inaugural discourse on "Conservatism in Medicine," published in the Transactions of the society for that year. He is also a member of the N. Hamp. hist. soc., and hon. member of the N. Y. med. soc. He has published a "Commemorative Discourse upon the Life of the late Dr. Amos Twitchell," of Keene, N. H.; also lectures on "Hippocrates and Paracelsus;" and has contributed several papers published in various medical journals. During the past year (1876) he has completed and published his greatest work in a history of his native town, entitled "A History of Peterborough, New Hampshire"—735 pp., 8vo., with thirty-two portraits. He has held no political offices, except one year (1855) a representative to the legislature. He now holds the office of examining surgeon for pensions; and also is president of the Peterborough savings bank. He married, Feb. 26th, 1828, Fidelia, daughter of John Stearns, Esq., of Jaffrey, N. H. A son of his, Frederick Augustus Smith, who was educated at Dartmouth coll., also entered the medical profession, taking his degree of M. D. in 1855. He was a young man of great promise. He settled in Leominster, Mass., and died there suddenly, of a heart affection, Dec. 20th, 1856, aged twenty-six.

KAY, ISAAC, Springfield, O., of English-German descent, was born in Franklin co., Pa., Dec. 8th, 1828. Having received an academical education, he entered the Starling med. col., Columbus, O.; graduated thence M. D. in Feb., 1849; practised for four years in Lewisburg, O.; and in May,

1853, established himself in Springfield. He is a member of the Clarke co. med. soc., of which he has been secretary for the past twenty years, and of the Ohio State med. soc. for twenty-four years, and of which, in 1871, he was first vice-president. Among his professional publications may be mentioned papers upon "Cerebro-spinal Meningitis," published in 1868, and upon "Fel Bovinum," in 1869, both papers read before the Ohio State med. soc. He has served as county coroner, as physician to the county infirmary, and as physician to the city of Springfield. He married, November 9th, 1852, Ciara M., daughter of Samuel Deckert, Esq., of Miamisburg, O.

JOHNSON, LEANDER BROWNLOW, Walhalla, S. C., was born in Henderson co., N. C., Oct. 31st, 1828. He was educated at Asherville, N. C., and studied medicine at the univ. of Louisville, Ky., and the Transylvania univ., Lexington, Ky., graduating July 16th, 1851. In October, 1851, he settled at Pickens Court House, S. C., from which, in October, 1857, he removed to Walhalla. He has made a specialty of obstetrics and diseases of women, his practice in this line extending into the adjoining States of Georgia and North Carolina. He is a member of the Oconee med. soc. He has contributed to the *Journal of Materia Medica* an article on "Puerperal Mania," and to the *Richmond and Louisville Medical Journal* an article on "Milk Sickness," as also one on "Puerperal Convulsions." He was a Unionist in 1860, but, swept away by the action of his State, went into the Confederate army, entering it as a captain, and being immediately made surgeon of the 12th reg. of S. C. volunteers. He was married, Feb. 8th, 1853, to Mary E. McFall, of Pickens Court House, S. C., and has six children.

SAFFORD, JAMES MERRILL, Nashville, Tenn., was born in Zanesville, O., Aug. 13th, 1822. He is a grandson of Dr. Jonas Safford, of Gallipolis, O., his father being Harry Safford, of Zanesville. He graduated A. B. and A. M. from the Ohio univ. at Athens, O., Ph. D. from Yale col., and M. D. from the med. dep't of the univ. of Nashville. He became connected, in 1848, with the Cumberland univ. at Lebanon, Tenn., as prof. of chem. and nat. hist., and in 1873 with the faculty of the med. dep't of the univ. of Nashville as prof. of chem. In 1874 this faculty also became the faculty of the med. dep't of the Vanderbilt univ. He has been State geologist of Tennessee for many years, and is now prof. of geol. and mineral. in Vanderbilt univ., still retaining his place in the med. dep't. Dr. Safford's publications are chiefly of a geological character. In 1852 he married Mrs. C. K. Owen, of Lebanon, Tenn.

KENDALL, JAMES V., Baldwinsville, N. Y., was born in Oswego co., N. Y., in March, 1818. His ancestry is English and Scotch, but his parents were both born in New England. He received his education at Rensselaer, Oswego, acad., and graduated in medicine from the Geneva, N. Y., med. col. in Jan., 1844. He settled first in Pulaski, N. Y., but after one year removed to Clay, N. Y. He remained in the last-named place sixteen years, and then removed to Baldwinsville, where he commenced general practice, but making operative surgery a specialty. He is a member of the Onondaga co. med. soc., elected in 1848; was its vice-president in 1853, and its president in 1854, and secretary three years, from 1857; permanent member of the med. asso. of Central N. Y., elected 1874; and of the med. soc. of the same State since 1856, elected its vice-president June, 1876; corresponding member of the gynæcol. soc. of Boston, 1872, and censor of the med. dep't of the univ. of Syracuse, N. Y. Among his medico-literary contributions are papers on "Cerebro-spinal Meningitis," and on "Tetanus after Miscarriage," with special reference to the value of chloral hydrate in cases of that kind, the former read before the N. Y. State med. soc., in 1858, and the latter before the same society in 1876; also an address before the alumni of the Geneva med. col., and the med. dep't of the Syracuse univ., in June, 1876; and "The Relation of the Academy to the Medical Profession," delivered at the semi-centennial reunion of Mexico acad., in August of the same year. In 1846, 1847 and 1848 he held the position of superintendent of public schools in Clay, N. Y.; was inspector of the Onondaga co. penitentiary in 1851, 1852, and 1853; supervisor of the town of Clay in 1850 and 1857, and of Lysander in 1877; was member of the legislature of N. Y. State in 1869; entered the army during the war as surgeon of the 149th reg. N. Y. vols., and was afterwards successively surgeon-in-chief of 3d brig. 2d div. 12th army corps, 3d brig. 2d div. 20th army corps, and 2d div. 20th army corps. In June, 1844, he married P. Jane Howe, daughter of Sylvanus Howe, Esq., of Clay, N. Y.

MCDERMONT, CLARKE, Dayton, O., was born in Ireland, in 1823. Having received a classical education, he immi-

grated to America; was for a time principal of a private school at Lexington, Ky., and in Lexington began his professional studies under the celebrated Dr. Dudley, of Transylvania univ. Graduating M. D. from the univ. of N. Y. in 1849, he subsequently attended lectures in the medical schools of Edinburgh, and upon returning to America, in 1850, was associated with Prof. Detmold, of New York, as his assistant in teaching a class of medical students, and in the management of his surgical clinic. In 1852 he established himself in practice in Dayton. He is a member of the Am. med. asso., and of the Montgomery co. med. soc., being president of the latter in 1860. In 1861 he was appointed surgeon to the 2d Ohio reg.; was promoted to be surgeon of U. S. vols. in April, 1862; was medical director of the right wing of the army of the Cumberland in 1862–63; was surgeon in charge of the Cumberland U. S. army hosp. at Nashville, Tenn., in 1863-64, and subsequently of the officers' hosp. at Louisville, Ky. He is honorably mentioned in Gen. Rosecrans' report of the battle of Murfreesborough for "gallantry on the battle-field," and "great humanity in the care of the wounded." In recognition of his services he received the brevet (relative) rank of lieut.-col. U. S. vols. At the close of the war he was appointed surg.-gen. of Ohio, and from 1867 to 1874 he held the position of chief surg. to the national home for disabled volunteers, an institution near Dayton, having some two thousand invalid beneficiaries. He has published a number of papers advocating a higher standard of medical education, especially in the schools of the West, and while surg.-gen. of Ohio, prepared a bill to protect the State from the evils of quackery. The bill provided for the establishment of a State board of medical examiners, charged with the duty of examining, and clothed with power to license or to refuse to license applicants for permission to practise medicine within the State. This bill was introduced into but did not receive the sanction of the legislature. In 1856 he married Mary E. Winters, daughter of Valentine Winters, Esq., of Dayton, O.

JACKSON, ABRAHAM REEVES, Chicago, Ill., son of Washington and Deborah (Lee) Jackson, was born in Philadelphia, June 17th, 1827. Graduating from the Central high school of Philadelphia, he began the study of medicine under Dr. John Wiltbank, subsequently entered the med. dep't of Pa. coll., and in 1848 received from that institution his degree of M. D. After practising for a year in Kresgeville, Munroe co., Pa., and for eight months in Columbia, Warren co., N. J., he established himself in Stroudsburg, Pa., where he remained until 1870. In the summer of 1862 he was appointed contract surg. U. S. army, and was made assistant med. director of the army of Virginia. An attack of typhoid fever compelled him to return home. In 1867 he was appointed surg. to the ship "Quaker City," and in this capacity served on the trip made historic in Mark Twain's "Innocents Abroad." Removing to Chicago in the spring of 1870, he has since that date made a specialty of surgical diseases of women. Soon after entering upon practice in Chicago, he conceived the idea of establishing a hospital to be devoted exclusively to the treatment of diseases of women. Enlisting the support of many prominent men and women, he worked energetically to attain the desired end, and on the 1st of Sept., 1871, a charter was granted incorporating the woman's hosp. of the State of Illinois. Of this institution, immediately upon its opening, he was appointed surgeon-in-chief, a position that he still (1877) continues to fill. In the winter of 1872 he was appointed lecturer on the diseases of women to the Rush med. col. He is a member of the Chicago soc. of phys. and surg.; member of the Chicago med. soc.; fellow of the Chicago acad. of sciences; member of the Chicago medico-historical soc.; member of the Illinois State med. soc.; member of the Illinois State microscopical soc.; and corresponding member of the Boston gynæcological soc. In May, 1874, he was elected editor of the *Chicago Medical Register*, published by the medico-historical soc., and with this, as also in leading professional periodicals, and in the transactions of the several societies of which he is a member, he has published a number of important papers and reports. Of these may be mentioned: "Successful Removal of both Ovaries;" "Uterine Fibroid of Posterior Wall Successfully Removed;" "Fibrous Tumor of Bladder Successfully Removed;" "Non-Ovarian Menstruation;" "Vesico-Vaginal Fistula, with Cases;" "Retroversion of the Unimpregnated Womb;" "Unsuccessful Attempt to Remove Fibrous Tumor of Anterior Wall of Uterus;" "On the Treatment of Fibrous Tumors of the Uterus by Hypodermic Injection of Ergotine;" "Remarks on Intro-Uterine Polypi;" "The Ovulation Theory of Menstruation—Will it Stand?" He married, first, May 16th, 1850, Harriet, daughter of Stroud Hollinshead, Esq., of Stroudsburg, Pa., who died Jan. 19th, 1869; and, second, Feb. 8th, 1871, Julia, daughter of Noah Newell, Esq., of Janesville, Wisconsin.

FISHER, ALEXANDER, Chicago, Ill., son of Jacob and Nancy (Carter) Fisher, was born in Lancaster, Worcester co., Mass., Aug. 12th, 1814. Having received an academical education, he began the study of medicine in 1831, under Dr. George W. Richards, of Camillus, Onondaga co., N. Y.; subsequently entered the coll. of phys. and surg. at Fairfield, Herkimer co., N. Y., and in 1834 was graduated M. D. from that institution. During the ensuing year he practised, in partnership with Dr. Richards, at Camillus, and in June, 1835, removed to Western Star, Summit co., O., where he was actively engaged until the fall of 1849. The winter of 1849–50 he passed in Philadelphia in the study of anatomy and surgery, and the spring of 1850 he returned to Ohio, and established himself in practice in Akron. In 1854 failing health compelled him to relinquish temporarily his professional labors; and upon his recovery, in the following year, he finally established himself in Chicago. He is a member of the Chicago med. soc., president in 1858; of the Chicago soc. of phys. and surg., president in 1872; of the Ill. State med. soc.; and of the Am. med. asso. He has been emeritus prof. of surg. in the woman's hosp. med. coll. since 1870. While engaged in a general practice, he has given especial attention to surgery, and among his notable operations may be mentioned the ligation of the external iliac artery, an interesting case, reported at length in the *American Journal of Medical Science*, April, 1856. In 1863 he served for seven weeks as a volunteer surgeon in the care of the wounded after the battles of Fort Donaldson and Pittsburgh Landing. He was married twice—first, to Louisa Dewey, of Akron, O.; second, to Mrs. Clarissa B. Griswold, of Canandaigua, N. Y., both wives being now dead.

PUTNAM, SUMNER, Montpelier, Vt., was born in Montpelier, Feb. 21st, 1818, of Massachusetts parents. His medical studies were pursued at the Vermont med. coll., from which he received the M. D. degree in 1842. He practised in Montpelier till 1844, when he removed to the northern part of the State, and for twenty-one years practised in the towns of Greensborough, Hardwick, Walden, Wheelock, Stannard, Craftsbury and Glover. In 1852 and 1853 he spent the winter at the coll. of phys. and surg. in New York, and again, in 1870, he visited the schools of that city. He is a member of the Vermont med. soc.; represented the society as its delegate to the Am. med. asso., Washington, D. C., in 1868; in 1875 was its delegate to the Mass. med. soc., and in 1876 represented it as a delegate to the International medical congress at Philadelphia. He is author of various papers contributed to and published in the transactions of the Vt. med. soc., in several of which he strongly advocates preventive or State medicine, being fully convinced of its probable importance, from having often witnessed the outbreak *de novo* of epidemic and contagious diseases in isolated country homes neglecting sanitary rules. In 1858 and 1859 he represented the town of Greensboro' in the legislature. In 1847 he married Diana Foster, daughter of N. C. King, M. D., of E. Montpelier.

HUTCHISON, JOSEPH CHRISMAN, Brooklyn, N. Y., of Scotch-Irish descent, son of Dr. Nathaniel and Mary (Chrisman) Hutchison, was born in Old Franklin, Howard co., Mo., Feb. 22d, 1827. Having received a collegiate education at the univ. of Mo., he entered the med. dep't of the univ. of Pa., and while attending lectures at the latter institution was a private pupil of Drs. Gerhard and Peace. Graduating M. D. in 1848, he practised during the ensuing four years in Missouri, removing thence in 1853, and establishing himself in Brooklyn, where he has since remained. In his specialty, surgery, he has successfully treated numerous notable cases, and has performed the various leading operations. He is a member of the Kings co. med. soc., president in 1864; member of the N. Y. State med. soc., president in 1867 and 1868; member of the N. Y. pathological soc., president in 1871; fellow of the N. Y. acad. of med., vice-president in 1869, 1870 and 1871; honorary member Connecticut State med. soc; and corresponding member of the Boston gynæcological soc.; in 1867 was a delegate from the Am. med. asso. to the International medical congress at Paris; in 1875 a delegate from the same body to the meeting of the British med. asso. at Edinburgh; and in 1876 a delegate from the N. Y. State med. soc. to the International medical congress at Philadelphia. Among his more important publications may be mentioned: "Dislocation of Femur into Ischiatic Notch" (dissection); "Treatise on Physiology and Hygiene," for schools; "Acupressure," prize essay N. Y. State med. soc.; and reports of "Removal of Upper Maxillary and Molar Bones without External Incision;" "Excision of the entire Ulna;" "Ligation of External Iliac Artery for Femoral Aneurism." During the cholera epidemic of 1854 he was physician to the Brooklyn cholera hosp.; since 1857 he has been surgeon to the Brooklyn

city hosp., and for a number of years has been surgeon-in-chief of the Brooklyn orthopœdic infirmary; consulting surgeon to the Kings co., St. Peter's and St. John's hospitals. In 1854, 1855 and 1856 he was lecturer on diseases of women in the N. Y. univ. med. col; from 1860 to 1867 was prof. of operative and clinical surg. in Long Island coll. hosp., resigning his chair in the latter year; and was health commissioner in 1873, 1874 and 1875 of the city of Brooklyn. He married, in 1849, Susan H., daughter of Rev. A. and Martha Cowles Benedict, of Farmington, Connecticut.

McSHERRY, RICHARD, Baltimore, son of Dr. Richard McSherry, a graduate of the univ. of Pa. in 1816, and for upwards of fifty years a successful practitioner in Virginia, was born in Martinsburg, Va., Nov. 21st, 1817. Educated at Georgetown coll., the univ. of Md., the univ. of Pa., he graduated M. D. from the last-named institution in 1841. Entering the medical corps of the army, he served under Gen. Taylor in the Seminole war, and in 1843 resigned his commission. In the same year he was appointed an assistant-surgeon in the navy—in the same class with Dr. E. K. Kane—and during the ensuing nine years served in the East Indies, North and South America, West Indies, and, having made a cruise around the world in the famous frigate "Constitution," or "Old Ironsides," he served as a surgeon to a battalion of marines under Gen. Scott in Mexico. In 1851 he resigned from the navy and established himself in practice in Baltimore. He is a member of the medico-chirurgical faculty of Maryland, and was vice-president of that body in 1870; also one of the founders, and the first president of the Baltimore acad. of med. In 1862 he was appointed prof. of materia medica in the univ. of Md.; and in 1865 prof. of the principles and practice of medicine in the same institution, the latter of which positions he at present (1877) continues to hold. His professional publications have been in the form of contributions to the leading medical periodicals; outside of his profession he has published "El Puchero; or, a Mixed Dish from Mexico" (1850), being a clever campaign sketch, and also a capital presentation of the then condition, social and political, of that nominal republic; and (1869) a volume of essays and lectures, literary and medical, somewhat in the style of Dr. John Brown's delightful "Spare Hours." He married, in 1842, Miss Wilson, daughter of Robert Wilson, Esq., a prominent lawyer in his time, of Baltimore.

DEMING, HENRY H., Pana, Ill., was born at Freedom, Portage co., O., on Aug. 3d, 1845. His father, Rev. Friend A. Deming, was a native of Massachusetts, and of English extraction, whose ancestors came over in the "Mayflower." The Rev. Mr. Deming moved to Ohio in 1843, and after two years was called to Illinois. Henry acquired his education principally from his father, and it embraced both a classical and scientific course. At the age of eighteen he commenced the study of medicine under Prof. N. S. Davis, and graduated from the Chicago med. coll. in 1867. He began the practice at Pana, Ill. He is a member of the Am. med. asso.; of the district med. soc. of southern Ill., of which he is the treasurer; also of the Wabash Valley Æsculapian soc. He is U. S. examining surg. for pensioners. He was married in 1869 to Harriet L. Knight, of Troy, O.

McKINNEY, DAVID, Jr., New Brighton, Pa., son of Rev. D. McKinney, D. D., was born in Centre co., Pa., Dec. 12th, 1839. He was educated in Jefferson coll., and at Jefferson med. coll., and graduated in 1860. He settled first at Sewickley, then at Beaver, and finally at New Brighton. He is a member of the Beaver co. med. soc. He entered the army of the Union as ass't surg. in 1861, was made surg. in 1862, and afterwards brigade surg., Tyler's brigade, Humphrey's division. At the battle of Fredericksburg he acted as division surg. He is surg. of the Pennsylvania company operating the Pittsburgh, Fort Wayne & Chicago railroad.

PATTERSON, JAMES V., Philadelphia, was born in Philadelphia, Aug. 15th, 1824. He is of English and Scotch-Irish descent. He received his preparatory education at a boarding-school in Halseyville, Pa., and graduated in the acad. dep't of the univ. of Pa. as A. B. and A. M., and in 1846 at the Jefferson med. coll. as M. D. He settled at once in his native city. For some time he was physician to the house of refuge, Philadelphia; and during several years he was connected with the faculty of the Jefferson med. coll., having been assistant to the prof. of surg., Thomas D. Mütter; prosector for the prof. of anat., Joseph Pancoast; and assistant demonstrator of anat.; holding each of those positions for a number of years. At the outbreak of the civil war he was appointed acting assistant surg. in the U. S. army, and assigned to duty at Turner's Lane hosp., Philadelphia. In Nov., 1862, he was requested by the med. director at Philadelphia to organize a hosp. for contagious diseases at

Islington Lane, Philadelphia, with which request he complied, and was appointed surgeon in charge of the new hospital, remaining at this post until the end of the war. He is at present one of the physicians to the Musical Fund soc., Philadelphia, and one of the attending physicians at the Presbyterian hosp. in West Philadelphia. He married, in 1859, Margaret W., daughter of the late George W. Fobes, of Philadelphia.

REESE, JOHN JAMES, Philadelphia, was born in Philadelphia, June 16th, 1818. Educated at the univ. of Pa., he graduated from the dep't of arts, and in 1839 received his degree of M. D. from the dep't of med. He established himself in general practice in Philadelphia, acquiring an extensive practice and a prominent position in his profession. He is a fellow of the coll. of phys., Philadelphia; honorary member of the N. Y. medico-legal soc.; also physician of St. Joseph's hosp.; of the Philadelphia orphan asylum; and of the gynæcological hosp. and infirmary for diseases of children. His contributions to standard medical literature have been of an important character, including his "Analysis of Physiology;" "American Medical Formulary;" "Manual of Toxicology;" and a number of papers in the leading professional journals. He also was editor of the seventh American edition of Taylor's "Medical Jurisprudence." In 1861 he entered the U. S. army as surgeon of volunteers, being put in charge of the U. S. army hosp., Christian street, Philadelphia. He is at present prof. of med. jurisprudence and toxicology in the med. and legal dep'ts of the univ. of Pa.

PENROSE, RICHARD ALEXANDER F., Philadelphia, was born in Carlisle, Pa., March 24th, 1827. He is the second son of Hon. Charles B. and Valeria Fullerton Penrose. His early education was received at Dickinson coll., where he graduated with the degree of A. B. in July, 1846, his medical studies being pursued in the med. dep't of the univ. of Pa., from which institution he graduated with honor in 1849. He began the practice of medicine in Philadelphia in 1853, and rose rapidly to eminence. He was one of several members of the profession through whose instrumentality the wards of the Philadelphia hosp., which had previously been closed to the profession, were opened to medical instruction in 1854. He was soon after elected consulting physician of that institution, and in a short while commenced a series of lectures on the diseases of women and children. These he made thoroughly subserve their purpose by the introduction of illustrative cases selected from the wards of the hospital, thus strengthening the effect of his teachings by the presentation of examples whose principles he was elucidating. As a private teacher of medicine he was very successful, his lectures on obstetrics especially attracting very large classes by their conciseness and practical character. In 1856 he took prominent part in the successful endeavor to found the children's hosp. of Philadelphia. In 1863 the trustees of the univ. of Pa. elected him to the professorship of obstetrics and diseases of women and children, a position made vacant by the resignation of Prof. Hugh L. Hodge. The degree of LL.D. was conferred upon him by Dickinson coll. in 1875.

ZIEGLER, GEORGE JACOB, Philadelphia, was born, March 6th, 1821, at Long-a-Coming (now Berlin), New Jersey. He is the third child of George E. and Elizabeth Ziegler, who removed to Philadelphia when he was young. He was educated at the public schools of Philadelphia, and under private tuition, supplemented by self-culture, reading medicine subsequently with Dr. George W. Patterson, and graduating in the med. dep't of the univ. of Pa. in 1850, his thesis on the occasion being recommended for publication. He settled in Philadelphia. He devotes his attention to practice of medicine, more particularly including diseases of women and children, and especially to nervous, pulmonary, and chronic diseases in general. He is a member of the Philadelphia co. med. soc.; the Am. med. asso.; and the Philadelphia acad. of nat. sciences. His contributions to medical literature include publications on "Zooadynamia;" "Researches on Nitrous Oxide;" and "Human Rights, as exemplified in the Natural Laws of Marriage, Legitimacy, and Life in General;" with articles on "Tuberculosis;" "Reproduction and Reparation of Bone;" and many other subjects. He was for years an editor of the *Dental Cosmos*, and later was the editor and publisher of the *Medical Cosmos*. He was accoucheur and afterward physician to the Philadelphia hosp., but was compelled to resign on account of ill health, the state of his health indeed having long been such as greatly to restrict his professional and literary efforts.

THOMAS, THEODORE GAILLARD, of New York, was born on Edisto Island, S. C., Nov. 21st, 1832. His general education was obtained in Charleston coll., and his medical education at the med. coll. of

Charleston, from which institution he graduated in 1852. He settled in New York immediately after turning his attention specially to obstetrics and to the diseases of women and of children. He is prof. of obstetrics and diseases of women and children in the coll. of phys. and surg. in New York; surgeon to the N. Y. State woman's hosp.; consulting physician to nursery and child's hosp., and St. Mary's hosp., Brooklyn; hon. fellow of the obstet. soc. of London; corresponding member of the obstetrical societies of Berlin, Philadelphia, and Louisville; and president of the N. Y. obstet. soc. During former years he has also been physician to Bellevue hosp., St. Luke's hosp., the Strangers' hosp., and the Roosevelt hosp. He is also the author of a work on the "Diseases of Women." He married, in 1856, Mary W., daughter of Edwin Gaillard, Esq., of South Carolina; and after her decease, Mary T., daughter of John H. Willard, Esq., of Troy, N. Y.

MORRIS, CASPAR, Philadelphia, Pa., was born in that city in 1805. His ancestors have been residents of the same city since the settlement of the colony. He graduated M. D. at the univ. of Pennsylvania in 1826, and was resident physician of the Pa. hosp., and after a voyage to India as surgeon of a ship, commenced practice in the city of his nativity, and continued till 1871, when he withdrew from professional pursuits. He has held the position of lecturer of diseases of children at the hosp. of the Blockley almshouse, Philadelphia, and also on the practice of medicine in the Philadelphia med. institute. He has published a volume of lectures on "Scarlet Fever."

TYRRELL, GERRARD GEORGE, Sacramento, Cal., only son of Gerrard Tyrrell, Esq., was born at Dalkey, county of Dublin, Ireland, Sept. 16th, 1831. Receiving his preliminary professional education at the Carmichael school of med., and at the Richmond, Whitworth and Hardwick hospitals, he was made a licentiate in midwifery at the Rotunda hosp. in 1854; graduated from the Royal coll. of surgeons, Ireland, in 1856, and from Kings and Queens coll. of physicians, Ireland, 1859. Coming to the United States he established himself in practice in Milwaukee, where he remained until 1861, being for four years phys. and surg. to St. Mary's hosp. In 1861 he removed to Grass Valley, Nev., and in 1868 to Sacramento, where he has since remained. He is a member of the Sacramento soc. for medical improvement; member and permanent secretary (elected 1872) of the Cal. State med. soc.; member of the Am. med. asso.; and corresponding member of the Boston gynæcol. soc. He has since 1863 been an occasional contributor to the *Pacific Medical and Surgical Journal*, and other western professional periodicals. Among his more important papers may be mentioned: "Therapeutical Value of the Sulphites in Phlegmonous Angina;" "Nature in Disease;" "Epidemic Influenza;" "Continued Fever in Children;" "Neurotic Purpura," etc. He was appointed surgeon to the 4th brigade U. G. C. in 1875. He was married, Dec. 7th, 1859, to Louisa, daughter of the late Henry Flood, Esq., M. D., of Peterborough, Canada West.

DA COSTA, JACOB M., Philadelphia, Pa., was born in the Island of St. Thomas, W. I., Feb. 7th, 1833. He received his literary and classical education in Germany, and pursued his medical studies at the Jefferson med. coll. in Philadelphia, his preceptor being Prof. Mütter, of that institution. He graduated in 1852. After passing two years in the hospitals and schools of Paris and Vienna he returned to Philadelphia in 1854, and established himself in practice there. While pursuing a general practice he has devoted himself especially to diseases of the heart and lungs. His contributions to medical literature have been large and upon a variety of subjects, among them being: "Medical Diagnosis with Special Reference to Practical Medicine," first published in 1864; a monograph on "Epithelial Tumors and Cancer of the Skin," 1852; "An Enquiry into the Pathological Anatomy of Acute Pneumonia," 1855; "On Cancer of the Pancreas," 1858; "On Serous Apoplexy," 1859; "Inhalation in the Treatment of Diseases of the Respiratory Passages," 1867; "The Physicians of the last Century," 1857; numerous articles in the "Pennsylvania Hospital Reports," and in the *American Journal of Medical Science;* and a long series of clinical lectures, which have appeared in the *Medical and Surgical Reporter*, and the *Philadelphia Medical Times*, for many years. He was for some time attending physician at the Episcopal hosp., and subsequently held the same position at the Philadelphia and Pa. hospitals. In 1864 he was appointed lecturer on clinical medicine at the Jefferson med. coll., and in the spring of 1872 was chosen by the trustees of that institution to fill the chair of prof. of the theory and practice of medicine, vacant by the death of Prof. Dickson. In 1860 he married Sarah, daughter of George Brinton, Esq., of Philadelphia.

HEWSON, ADDINELL, was born in Philadelphia, Nov. 22d, 1828, his parents being Dr. Thomas T. and Emily (Banks) Hewson. He is the fourth generation of physicians in the family. His grandfather was the celebrated surgeon, William Hewson, F. R. S., of London—an associate of the famous Dr. William Hunter, the anatomist at the Windmill school, London—author of works on the "Lymphatic System in Birds and Amphibious Animals;" "Lymphatic System of the Human System;" "Inquiries into the Properties of the Blood," etc., to whom, in 1769, the Copley medal was awarded by the Royal soc., and whose collected works were republished by the Sydenham soc. in 1846. Receiving his preliminary education at the univ. of Pa., in the academic department and department of arts, and his early professional education at Jefferson med. coll., Dr. Hewson was granted his degree of M. D. by the latter institution in 1850. He subsequently pursued his medical studies in Paris and Dublin, being, during his residence in the latter city, a pupil of Sir William Wilde, and serving as interne at the Dublin lying-in hosp. Whilst in the latter city he was notified of his election as resident physician at the Pa. hosp., and returned to this country for the purpose of assuming the discharge of the duties of that position, and has since remained in Philadelphia, making a specialty of surgery. In 1852–53 he was visiting surgeon to the Episcopal hosp.; was subsequently visiting surgeon to the Wills' ophthalmic hosp., and has been, since 1861, visiting surgeon to the Pa. hosp. He is a member of the State and county med. societies; fellow of the coll. of phys.; member of the Am. med. asso.; pathological soc.; acad. of the natural sciences, and St. George soc., having been surgeon to the latter for more than twenty years. He was editor (in 1853) of the American edition of Wilde's "Aural Surgery," undertaking the work at the request of the author; edited the American edition of Mackenzie "on Diseases of the Eye;" and is himself the author of a work upon "The Use of Earth in Surgery," and of numerous papers published in medical journals. Of these latter may be mentioned one upon "The Influence of the Weather Over the Results of Surgical Operations," that attracted among surgeons a considerable amount of attention. He was married, 1854, to Rachel Macomb Wetherill.

SMITH, FRANCIS GURNEY, JR., Philadelphia, fifth son of Francis G. Smith, a prominent merchant of that city, was born in Philadelphia, March 8th, 1818. He received both his academic and medical education in the univ. of Pa., taking his degree of B. A. in 1837, and those of M. A. and M. D. in 1840. For about a year after receiving his diploma he was one of the resident physicians of the Pa. hosp., giving special attention to the dep't of the insane. After establishing himself in practice in Philadelphia he turned his attention specially to midwifery and diseases of women. He is a member of the coll. of phys. of Philadelphia; Philadelphia co. med. soc.; coll. of phys. and surg. of Reading; acad. of nat. sciences; pathological soc.; Am. philosophical soc.; Cal. State med. soc.; Rocky Mountain med. soc., and Burlington co. med. soc., N. J. He was the first president of the Philadelphia obstetrical soc., and was vice-president of the meeting of the Am. med. asso., which was held in Washington in 1870. He is well known in professional literature as one of the authors of the "Compendium of Medicine," which has passed through numerous editions. He also edited several of the American editions of Carpenter and Marshall's works of physiology, and other scientific works, as well as translated, for the first American edition, Barth and Rogers' "Manual of Auscultation and Percussion." For a period of nine years he was one of the editors of the *Philadelphia Medical Examiner*. As the author of frequent contributions to medical literature, he is best known as the author of an elaborate series of experiments on the celebrated Canadian, Alexis St. Martin, on the "Physiology of Digestion." In 1842 he was elected lecturer on physiology by the Philadelphia med. asso., and ten years later prof. of the same branch in the Pa. med. coll. In 1863 he succeeded Prof. Samuel Jackson in the chair of the Institutes of Medicine in the med. dep't of the univ. of Pa., which he resigned on account of failing health in May last, and was elected emeritus prof. of the same branch in that institution. He was one of the first medical staff of the Episcopal hosp., and for six years (in 1859) was one of the attending physicians and clinical lecturer at the Pa. hosp. During the war he was connected with the medical staff of the army, and was one of the physicians in charge of a military hospital. He founded and established the first physiological laboratory in which Physiology was taught experimentally and by demonstration in the University. For several years he held the position of medical director of the National Life Ins. co. after having organized the med. dep't in that company. In 1844 he married Catharine Madeline, daughter of Edmund G. Dutilh, Esq., of Philadelphia, by whom he has four children—the elder

son being also a member of the medical profession, and a prize essayist at his graduation.

RAND, BENJAMIN HOWARD, Philadelphia, son of Benjamin and Eleanor (Spurrier) Rand, was born in Philadelphia, Oct. 1st, 1827. His professional studies were begun in 1843 under the eminent Dr. Robert M. Huston, the then dean of Jefferson med. coll.; he subsequently attended the usual courses of lectures at Jefferson coll., and in 1848 received his degree of M. D. from that institution. During the last two years of his student life he was clinical assistant to Profs. Mütter and Pancoast. In 1850 he was elected prof. of chemistry in the Franklin institute, holding that position until his resignation in 1864. Upon the foundation of the Philadelphia med. coll.—an institution which ceased to exist in 1861—he was elected to the chair of chemistry, and from 1852 to 1864 he was secretary to the academy of natural sciences. This latter office, as well as his professorship in the Franklin institute, he resigned in 1864, in order to accept the chair of chemistry in Jefferson med. coll., from which he resigned by reason of ill health in May, 1877. He was elected a fellow of the Philadelphia coll. of phys. in 1853, and a member of the Am. philosophical soc. in 1868; and is also a member of the Am. med. asso. Besides frequent contributions to scientific periodicals he has written: "Chemistry for Students," 1 vol., pp. 259 (1855); "Elements of Medical Chemistry," 1 vol., pp. 420 (1863 and 1875); and also edited Metcalfe's "Caloric," 2 vols., (1859). He was married in 1853 to Hannah M., daughter of Jacob L. Kershow, Esq. His first wife died in 1854, and fifteen years later, Dec. 23d, 1869, he married Mary M. Washington, great-granddaughter of Fairfax Washington.

REID, ROBERT KING, Stockton, Cal., son of the Rev. Robert Reid, D. D., an eminent Presbyterian divine, for more than thirty years pastor of the First Presbyterian church at Erie, Pa., was born at Erie, Jan. 21st, 1820. Having received his preliminary education at the Erie acad., he entered Jefferson classical and literary coll., Canonsburg, Pa., and was graduated thence B. A. in 1842. Entering the med. dep't of the univ. of Pa., he was a student during the full course, and in 1846 received the degree of M. D. from that institution. After practising for a year in South Carolina, he removed to California in 1849, and in 1850 finally established himself at Stockton. In 1851 he was elected, by the legislature, resident physician to the State hosp., and in 1853 was elected by the same body resident physician to the State insane asylum. In 1858 he made a professional visit to Europe, studying in the leading schools and hospitals of England, France, Germany and Italy. Returning to America just previous to the beginning of the civil war, he was at the outbreak of that conflict appointed a surgeon in the U. S. army, and served as such during the ensuing five years—at Benicia Barracks, Cal., at Salt Lake City, and at Sacramento. In 1866 he resigned from the army, and at the same time retired from practice. He is a corresponding member of the San Francisco academy of the natural sciences; member, and president in 1856, of the Cal. natural history soc.; member, and vice-president, in 1856 and 1874, of the Cal. med. soc.; and member and president, 1872–73, of the San Joaquin soc. of Cal. pioneers. In 1873 he was elected to the chair of surgery in the coll. of phys. and surg. of Wilmington, N. C., but on account of ill health declined the position. His published writings consist of reports on the State hosp., 1851–52; on insanity and the State insane asylum, 1853–54–55–56; and on diseases and climate of Salt Lake City, 1870. He married, June 7th, 1854, Matilda Bassett, daughter of Benjamin Hayward, Esq., of Bermuda, W. I.

WICKES, STEPHEN, Orange, N. J., son of Van Wyck and Eliza (Herriman) Wickes, and a descendant of Thomas Wickes, grantee in 1666 of Huntingdon, L. I., was born in Jamaica, L. I., March 17th, 1813. Having graduated from Union coll. in 1831 (A. M., 1834, *ad eundem*, Princeton, 1868), he was a student of the natural sciences at Rensselaer polytechnic institute in 1832; of medicine at the univ. of Pa. in 1833–34, and in the latter year was graduated M. D. from that institution. In 1835 he practised in the city of New York, thence until 1852 at Troy, N. Y., and since 1852 has been established in Orange. He is a member of the Am. med. asso.; hon. member of the N. J. State med. soc.; chairman of the standing committee of that organization since 1861; member of the national sanitary asso.; of the N. J. sanitary asso.; hon. member of the N. Y. State med. soc.; member of the N. J. hist. soc., etc. His most important literary work is his "Annals of New Jersey Medicine, prior to 1800," at present (1877) in manuscript, and scarcely completed. Since 1861 he has edited the Transactions of the N. J. State med. soc., and has also furnished to that body since 1861 annual reports upon the current medical history of the State. Since 1873 he has been physician to Memorial

hosp., Orange; was president of the Essex co. Bible soc. in 1873. He was ordained a ruling elder in First Presbyterian church, Troy, in 1852, and in 1856 was installed in the First Presbyterian church of Orange. He married (1). Feb. 24th, 1836, Mary Whitney, daughter of Isaac Heyer, Esq., of New York; and (2) April 1st, 1841, Lydia Matilda, widow of William H. Van Sinderen, M. D., and daughter of Joseph Howard, Esq., of Brooklyn.

LOMAX, WILLIAM, Marion, Ind., paternally of English-Irish, maternally of English-Welsh descent, was born in Guilford co., N. C., March 13th, 1813. In both lines his ancestors were among the early settlers of the colony, and both paternal and maternal grandfathers were soldiers in the Continental army. While he was yet a child his parents emigrated to Indiana, fixing their residence in Wayne co., and here he received a limited common school education. In 1834 he began the study of medicine under Dr. Bugg, of Newport, Ind. He attended lectures at the Ohio med. coll., Cincinnati, and at the Indiana med. coll., La Porte, graduating from the latter institution in 1848. He subsequently attended lectures in the med. dep't of the univ. of N. Y., graduating for the second time in 1850. In 1837 he established himself at Marion, Ind., where, save during six months spent in La Porte, he has since remained. In July, 1837, he made an antero-posterior flap amputation of the leg of a Miami Indian, the first operation of the kind he had ever known, and the first surgical operation ever performed in Grant co. He is a member, ex-secretary and ex-president of the Grant co. med. soc., the oldest co. med. soc. in the State; is a member and ex-president of the Ind. State med. soc., and is a permanent member of the American med. asso. His writings have been confined to occasional contributions to the transactions of the State soc. and to a few published reports of cases. In April, 1861, he entered the U. S. service, being the recipient of the first appointment as surgeon made by the governor of the State. He entered the field as surgeon to the 12th Indiana regiment; was surgeon-in-chief of the 4th division, 15th army corps; chief of the board of operators in field hospital, etc. His term of service continued during the entire war. He has declined different calls to occupy chairs in med. colleges, preferring to devote himself entirely to the practice of his profession. He was married, Feb. 21st, 1839, to Sarah, daughter of Jacob Van Devanter, Esq., a noble woman, who died Dec. 24th, 1861, while aiding her husband in ministering to the sick and wounded in the field hospital on the Potomac. He was again married, Jan. 16th, 1866, to Maria, daughter of John Hendrix, Esq.

KNIGHT, JAMES, New York, was born at Taney Town, Frederick co., Md., Feb. 14th, 1810. He is the son of Samuel Knight, a manufacturer of military arms, and employed by the U. S. government, who died at Richmond, Va., in 1809. His grandparents came from England in 1766. He was educated in the village school, and at St. Mary's coll., South Mountain, Md., and graduated from the Washington med. coll., Baltimore, in March, 1832, having spent seven years in the Baltimore general dispensary. Practising in Baltimore for one year, and in Cincinnati, O., for about nine months, he afterwards travelled in various parts of the U. S. for the improvement of his health, and finally settled in the city of New York, in Dec., 1835. He continued as a regular family practitioner till 1840, from which time, by the advice of his friend, Prof. Valentine Mott, he devoted special attention to orthopedic surgery, a branch of the profession to which he had given much study when in the Baltimore general dispensary. In 1842, and up to 1844, he assisted in the orthopedic treatment of patients attending the public clinics in the med. dep't of the univ. of N. Y. His experience at those clinics impressed him so deeply with the necessity for a charitable institution to supply the wants of indigent patients that he made a strenuous, and eventually successful, effort to organize such an institution, the organization being consummated on the 13th of April, 1863, and known as the "New York society for the relief of the ruptured and crippled," he surrendering his private dwelling for a hospital. In 1870, however, the society completed a most capacious hospital of its own, in which during the past year nearly 7,000 patients have been treated, almost all of them being supplied with surgical appliances free of charge. The hospital has been under his immediate charge from the commencement to the present time. He is a member of the medico-chirurgical soc. of Maryland; the dist. med. soc. of Ohio; the co. med. soc. of the city of New York; the med. journal asso. of the city of New York; and res. fellow of the New York acad. of med.; a life-member of the New York soc. for the relief of widows and orphans of medical men, and also of the Am. inst.; an hon. member of the New York hort. soc., and a fellow of the acad. of design. He has published a work on "The Improvement of the Health of Children and Adults by Natural Means," 1868; and one entitled "Ortho-

pedia; or, a Practical Treatise on the Aberrations of the Human Form," 1874.

WHITMIRE, JAMES S., of Metamora, Ill., was born in Sidney, Shelby co., O., Dec. 13th, 1821. He is the son of John Whitmire and Elizabeth Robinson, his wife. His father was a tanner and currier. He received his preliminary education in a common school, and completed it while working at the shoe-bench. He studied medicine with James B. Kyle, of Macomb, Ill., and graduated first in the med. dep't of the Ill. univ., at Jacksonville, in the spring of 1847; received *ad eundem* in the spring of 1850 from the Rush med. coll., Chicago, and also a degree of M. D. from the Jefferson med. coll., in Philadelphia, in 1856. He settled in Metamora in 1846, where he began practice, having worked his way up without capital, by manual labor and by teaching school, from the time he was twenty-one years of age. He has been a member of the Ill. State med. soc. since 1851, and has held the position of its vice-president; is now a member of the North Central med. asso.; was its first president, and is also a member of the Woodford co. med. soc.; of this, too, he has been twice president. His thesis, which he prepared when he received *ad eundem* from Rush med. school, was on the use of iodine as an antidote to the venom of rattlesnake. This was subsequently published in the January number of the *Northwestern Medical and Surgical Journal.* Experiments to establish the correctness of the facts stated therein were afterwards made by Dr. Brainard. Besides the above he has contributed papers to the medical literature of the country. In Oct., 1861, he was commissioned assistant-surgeon to the 6th Illinois volunteer cavalry, and in May, 1862, was promoted to the position of surgeon of the 56th regiment Illinois volunteer infantry. He resigned his position after the fall of Vicksburg. On July 4th, 1846, he married Sidnah Robinson, of Morgan co., Ill. His ancestors, and also those of his wife, were of German origin on the male side and of Sclavonic origin on the mother's.

BIRD, JOHN F., Philadelphia, was born, March 7th, 1816, at West River, Md. He graduated at Dickinson coll., Carlisle, Pa., in 1840, and in the med. dep't of the univ. of Pa. in 1843, when he began the practice of medicine at his native place, but in 1848 removed to Philadelphia, where he has since remained. He gradually acquired a remunerative practice, making midwifery a specialty. He is a member of the Philadelphia co. med. soc. To the *Medical Record*, of New York, and the *Medical Brief*, of St. Louis, he has contributed papers on the probable causes of the resemblance of twins, maintaining that twins contained in the same sac of waters are exactly alike, while those contained in separate sacs are no more alike than children of the same parents at intervals of years; and on the causes and prevention of miscarriages in the fourth month, ascribing these in great degree to prolapsus and retroversion, and recommending pessaries as a remedy. He has been one of the medical examiners for the American life insurance company, of Philadelphia, since its organization, and a member of the board of trustees of Dickinson coll. for more than twenty years, and also of the educational society of the Philadelphia annual conference since its organization. He was married in 1840 to Jane Wright, daughter of the late Thomas Wright, of Philadelphia, and again in 1875 to Mrs. Helen Barron Bostwick, of Cleveland, O., widely known for her contributions in poetry and prose to the leading journals and periodicals of the country.

BROWN, WILLIAM SYMINGTON, Stoneham, Mass., born in Glasgow, Scotland, Feb. 9th, 1821. Through his mother's side, the Symingtons, he comes from the stock of the old Covenanters. He was educated in George Gartley's school and at the Andersonian univ., Glasgow, and graduated from the univ. of Pa. in Feb., 1855. He first commenced practice in Boston, but in August, 1865, permanently settled in Stoneham, and, while treating cases in general practice, specially devoted himself to diseases of women. He is a member of the Mass. med. soc.; admitted fellow in 1862; is president of the Middlesex east district soc., elected 1876; was elected in 1876 and re-elected 1877 medical director dep't of Mass., G. A. R., correspondent of the State board of health, Mass.; was prof. of anatomy in the New England female med. coll. from 1855 to 1860, and was late chairman of the board of health at Stoneham. His published papers and books have been: "Round Fibroid Tumor of Uterus" (*Philadelphia Medical and Surgical Reporter*, 1873); "Fatal Case of Vomiting during Pregnancy" (*Journal Gynæcological Society*, 1870); "Atresia Vaginæ Successfully Operated On" (*Boston Medical and Surgical Journal*, 1876); also, "Chemistry for Beginners," 2d edition. He was assistant-surgeon 33d regiment Massachusetts volunteers, and surgeon of 55th regiment Massachusetts volunteers, during a portion of the late civil war. For two years he also held the position of chairman of

military examining board and member of the operating staff. In 1844 he married Margaret Boyd, daughter of Alexander Boyd, of Dreghorn, Scotland.

CULBERTSON, HOWARD, Zanesville, O., son of the Rev. James and Elenor (Colhoun) Culbertson, of Chambersburg, Pa., was born at Zanesville, O., Feb. 24th, 1828. Having received a thorough English education, he entered Jefferson med. coll.; graduated thence M. D. in March, 1850, and in the same year established himself in practice in Zanesville. He is a member of the Am. med. asso.; Ohio State med. soc., Zanesville, and Meigs and Mason academies of medicine. Among his published works may be mentioned: "The Sin of Anæsthetics in Midwifery," the prize essay of Ohio State med. soc., 1862; and "Excision of the Larger Joints of the Extremities," prize essay of Am. med. asso., 1876. In Nov., 1862, he was appointed surgeon U. S. volunteers, serving until Oct., 1865, when he was mustered out with the brevet rank of lieutenant-colonel. In April, 1866, he was appointed assistant-surgeon U. S. army, serving until January, 1869, when he was placed on the retired list, "for disease incurred in the line of duty." At the present time he is professor of ophthalmology in the Columbus med. coll., Columbus, O., having been elected in the summer of 1875 to this chair. He married, Nov. 16th, 1854, M. Louisa, daughter of Eliel T. Safford, M. D., of Parkersburg, W. Va.

WARDNER, HORACE, of Cairo, Ill., was born in Perry, Wyoming co., N. Y., Aug. 25th, 1829. His parents were Philip Wardner and Maria (Frisby) Wardner, both natives of New York. On his father's side the ancestry is German, Philip "Veidner," as the name was originally spelled, having come to this country in 1750 with his wife Kate, *née* Idel. He was educated in Cayuga acad. and Alfred univ., his medical studies being pursued in Rush med. coll. Previous to his entering the latter institution he had, in 1852, commenced the study of medicine in the office of Dr. W. B. Alley, of Almond, N. Y. He continued his studies during 1853 and 1854 at Milwaukee (where he was also engaged in teaching), and at Chicago, Ill., in the office of Profs. A. B. Palmer and De Laskie Miller. He graduated from the college above mentioned in 1856. He commenced practice at Libertyville, Ill., but after a few months removed to Chicago. Here he remained until the outbreak of the war of 1861. While in Chicago he, in connection with Prof. Edmund Andrews, M. D., opened a private anatomical room for the instruction of students, artists and professional men in human anatomy. He was also elected demonstrator of anatomy in the Chicago med. coll., which was organized while he was in that city in 1858, and which position he continued to hold till he entered the army at the breaking out of the civil war. In the course of his practice he has successfully ligated the common carotid artery; successfully operated for vesico-vaginal fistula; performed lithotomy, etc., his specialty being surgery. He is a member of the Alexander co. med. soc., of which he is now president, and also held the same position in the South. Ill. med. asso. in 1876. He is also a permanent member of the Am. med. asso. He is the author of a paper on "Glycerine;" one on "Treatment of Opium-Poisoning by Belladonna," etc., and has published a number of reports of cases. He is president of the Southern Ill. orphan asylum, and pension examining surgeon of his district; was chiefly instrumental in founding the St. Mary's infirmary of Cairo, Ill., in 1867, and has been its chief medical officer ever since. He has also been for several years surgeon of the Illinois central railroad. He entered the military service as surgeon of the 12th Illinois volunteers. In 1862 he was promoted to the rank of staff-surgeon and assigned to duty as medical director of the 1st division of the army of the Tennessee, then under command of Gen. Grant. He remained with the army in the field, participating in all the engagements, until after the battle of Corinth, in 1862, when he was placed in charge of the U. S. gen. hosp. at Mound City, Ill., where he remained till the close of the war and the discontinuance of the institution in 1865. He was afterward placed in charge of the medical department of the post at Cairo, occupying that position till its close, in Sept., 1866. His service in the army covers a space of five years and four months, during which he was promoted to the rank of lieut.-colonel for meritorious services. He married, Feb. 16th, 1858, Delia Louise, daughter of Cephas Rockwood, Esq., of Wisconsin.

WRIGHT, JOHN, of Clinton, Ill., was born in Hamilton co., O., March 26th, 1826. He attended lectures in Cincinnati, in the med. coll. of Ohio, and graduated from that institution in the spring of 1854. In the same season he moved to Wapella, De Witt co., Ill., but removed to Clinton, in the same co., in 1861. His specialty is surgery, and during his practice he has successfully operated for hernia; has also, with success, performed the operation for vesico-vaginal fistula, as well as the amputation of

the hip-joint. The last-named case is reported in the *Cincinnati Lancet and Observer* for May, 1868. He is a member of the De Witt co. med. soc., and has two or three times been elected its president; was elected president of the central Illinois med. soc. in 1872, and vice-president of the Illinois State soc. in 1875; is a member of the Am. med. asso., and has contributed at sundry times for various medical journals. He served nearly three years in the army as surgeon of the 107th regiment Illinois volunteers; was a member of the brigade operating board, and now holds the position of pension surgeon. He has been married twice, his first wife being Jane Magill; she died in 1852, after being married two years. In 1853 he married Mary E. Wright.

ALLEN, JONATHAN ADAMS, A. M., M. D., LL.D., Chicago, Ill., was born in Middlebury, Vt., Jan. 16th, 1825. His father was Jonathan Adams Allen and his mother Betsy Cheney. On his father's side he is descended from Welsh and Saxon ancestry (1634), and on his mother's he comes from "Mayflower" stock (1620). He was educated in Middlebury coll., Vt., and received his medical education at Castleton med. coll., in that State. He graduated in 1846 and settled in Kalamazoo, Mich., where he remained until 1850, when he removed to Ann Arbor. He remained here till 1855, when he returned to Kalamazoo. In 1859 he took up his residence in Chicago, where he is now in active practice. He contested the priority of teaching the mechanism of nervous action with the celebrated Dr. Marshall Hall, H. F. Campbell and others, and has given special attention to the subject of medical jurisprudence, particularly to that part of it involving questions of insanity, mental capacity, etc. He was early elected a member of the Am. med. asso., and during the years 1858 and 1859 was president of the Michigan State med. soc. He is also a member of the Illinois State med. soc., and hon. member of a large number of other societies. His contributions to medical literature consist of: "Essays on Mechanism of Nervous Action," published in the *Medical Independent*, Mich., during the years 1856, 1857 and 1858; a large number of communications to medical journals, and a treatise entitled, "Medical Examination for Life Insurance." Of this latter work over 35,000 copies have been sold, and it is considered a standard work among life insurance companies. It has also been translated and published in Germany. Dr. Allen was also for many years editor of the *Chicago Medical Journal*. Under the administration of James Buchanan he was made receiver of public moneys for Michigan. In Feb., 1848, he was appointed prof. mat. med. therap. and med. jurisp. in the Indiana med. coll., at Laporte, in that State; prof. of physiology and pathology med. dep't univ. of Mich. in 1850, and of princ. and prac. of med. in the Rush med. coll., Chicago, 1859. This position he still retains. For the last sixteen years he has been surgeon-in-chief of the Chicago, Burlington & Quincy railroad. On Jan. 1st, 1847, he was married to Mary Marsh, at Kalamazoo, Mich.

WELLINGTON, WILLIAM WILLIAMSON, Cambridgeport, Mass., son of Dr. Timothy Wellington, was born at West Cambridge, Mass., July 29th, 1814. Educated at Harvard univ., he graduated thence A. B. in 1832, and M. D. in 1838, and in the latter year established himself in practice in Cambridgeport. He is a member of the Mass. med. soc.; Cambridge soc. for med. improvement; Boston obstetrical soc., and an associate member of the Boston soc. for med. improvement. In 1870 he was selected to deliver the annual address before the State soc., the address being subsequently published. He is (1877) coroner of Middlesex co., and was for many years a member of the Cambridge school committee.

BENNER, HENRY D., M. D., was born in Philadelphia, Oct. 7th, 1833, his parents being Henry L. and Elizabeth G. Benner. He was educated at the univ. of Pa., acad. dep't, graduating from the med. dep't in April, 1854. Upon receiving his degree of M. D. he established himself in general practice in Philadelphia, and has since remained in that city. He is a member of the co. med. soc., and a fellow of the coll. of phys. He was married, May 26th, 1859, to Henrietta, daughter of Thomas Latimer, Esq., of Philadelphia.

HUBBARD, JOHN COLEMAN, Ashtabula, O., son of William and Catherine (Hulbert) Hubbard, and a descendant of George Hubbard, English, who settled in Middletown, Conn., in 1646, was born in Trenton, Oneida co., N. Y., July 22d, 1820. Having received an academical education, he entered the N. Y. coll. of phys.; graduated thence M. D. in March, 1845, and in the following May established himself in Ashtabula. The year 1874 he passed at Guy's hosp., London, in professional study. While engaged in a general practice, he gives especial attention to ophthalmic surgery and gynæcology. He is a member of the Ohio

State med. soc.; a corres. member of the Boston gynæcological soc.; was a delegate to the International med. congress at Philadelphia in 1876, and has been since 1866 one of the censors of the med. dep't of the Wooster univ., at Cleveland; was surgeon of the 41st reg. of Ohio volunteer infantry (1862) during the late war. Among his published writings may be mentioned: "On Stomatitis Materna," *American Journal Medical Sciences;* "Borate of Soda Injections into the Rectum an Aphrodisiac," *ibid;* "Case of Fibroid Hypertrophy of an Undescended Testicle, with Double Hydrocele," *ibid;* "Case of Asymmetry in a Boy Nine Years Old," *ibid;* "A Systematic Method of Compressing the Uterus in Post-partem Hæmorrhage," *ibid;* "Case of Athetosis" (the second published) in "Hammond on Diseases of the Nervous System," 1871; and "On the Treatment of Divided Small Arteries by Compression, Astringents and Ligation," *Ohio Medical Recorder*, Jan., 1877. He married, Oct., 1863, Miss C. S. Logan.

PETERS, JOHN CHARLES, New York, was born at 326 Broadway, New York, July 6th, 1819. Educated at Nazareth Hall, Pa., and at the coll. of phys. and surg., New York; subsequently studied at Berlin and Vienna, under Schoenlein, Rokitansky, Skoda and others, and graduated in 1844. After returning to America he established himself in his native city, New York; is a member of the New York State and co. med. societies; president of the med. soc. of the co. of New York in 1876–77; of the N. Y. neurological soc., president in 1876–77; of the N. Y. public health asso., vice-president in 1876–77; of the N. Y. med. journal asso., president in 1874–75; of the N. Y. medico-legal soc., vice-president in 1874–75; fellow of the N. Y. acad. of med.; chairman of the obstetric section in 1876; member of the N. Y. pathological soc.; editor of its "Transactions," and one of the three original founders (in 1844) of that organization; of the Am. med. asso.; of the Am. public health asso., etc., etc. In 1845 he discovered the curative influence of corrosive sublimate in Bright's disease, publishing his discovery in papers issued in the *Medical Examiner and North American Journal* in 1845 and 1847. He has also published treatises on "Diseases of the Head;" "Diseases of the Eye;" "Diseases of Females;" on "Asiatic Cholera," in 1867; and papers on "Diphtheria," in 1876–77; and edited, with Dr. Ely McClellan, the "United States Cholera Report for 1873." He married, May 16th, 1849, Georgina, daughter of Andrew Snelling, Esq.

AGNEW, D. HAYES, Philadelphia, was born in Lancaster co., Pa., in 1818, and is the son of Dr. Agnew, an eminent physician of that section. His classical education was commenced at the Moscow acad., a flourishing institution then under the supervision of the Rev. Francis Latta, and located in Chester co. He next studied at Jefferson coll., Cannonsburg, Pa., and finally completed his education at Newark coll., Del., where one of his relatives, the Rev. John Holmes Agnew, was prof. of languages. His medical training was obtained at the univ. of Pa., and he entered upon the practice of his profession in the rural districts. After some years he removed to Philadelphia, where he continued his practice and commenced to deliver a course of lectures in the Philadelphia school of anatomy, in College avenue. At the date of the breaking out of the rebellion his class in this time-honored institution numbered two hundred and sixty-five students, representing every State in the Union. He also established at the same place the Philadelphia school of operative surgery. He was elected in 1854 one of the surgeons of the Philadelphia hosp., and in that institution he founded the present pathological museum, and for some time acted as its curator. In 1863 he was appointed demonstrator of anatomy and assistant lecturer on clinical surgery in the med. dep't of the univ. of Pa.; about the same time he was elected one of the surgeons of Wills' ophthalmic hosp. In 1865 he was elected to a similar position in the Pa. hosp., and likewise in the orthopedic hosp. In 1870 he was chosen to fill the chair of operative surgery in the univ. of Pa., and in the year that followed he became prof. of the princ. and prac. of surg. in the same institution. He is also prof. of clinical surgery in the univ. hosp. A most skilful, rapid and efficient operator in every department of surgery, which is his specialty, his reputation as a surgeon is world-wide. Among his contributions to the literature of the profession may be mentioned a work on "Practical Anatomy;" one on "Lacerations of the Female Perineum and Vesico-Vaginal Fistula;" a series of papers (sixty in number) on "Anatomy in its Relations to Medicine and Surgery," and numerous contributions to medical journals on various subjects connected with surgery. He is at present, and has been for some time past, engaged in preparing for publication a large and exhaustive work on operative surgery, the first volume of which is now (May, 1877) in press, and will be soon in the hands of the profession. He married a member of the Irving family, of Chester co., a name well known in that

section as being largely interested in the manufacture of iron.

STEINER, LEWIS HENRY, Frederick City, Md., was born in Frederick City, Md., May 4th, 1827. His ancestors were among the early German settlers of Frederick. He was educated at the Frederick acad., and Marshall coll., Mercersburg, Pa., at which he entered the sophomore class, graduating in 1846, and receiving in 1849 the degree of A. M., the *ad eundem* being conferred on him by St. James in 1854, and by Yale in 1869. He attended medical lectures at the univ. of Pa., where he received the degree of doctor of medicine in 1849. He began practice in Frederick, but in 1852 removed to Baltimore, where for two or three years he was associated with Dr. John R. W. Dunbar in the conduct of a private medical institute, after which he returned to Frederick, and has since resided there. Soon after he began practice his attention was specially directed to chemistry and the allied sciences, and during his residence in Baltimore his time was largely occupied with teaching. He was prof. of chemistry at the Maryland coll. of pharmacy; Swann lecturer on applied chemistry in the Maryland institute; prof. of chemistry and natural history in the Columbian coll.; prof. of chemistry and pharmacy in the National med. coll. in Washington, D. C., and lecturer on chemistry and physics in the coll. of St. James, near Hagerstown, Md. In the course of his connection with Washington, he made the examination of the body of Dr. G. A. Gardiner, self-murdered by strychnia, and afterwards reported the case in a monograph published by the Am. med. asso. In 1853 he became a fellow of the medical and chirurgical faculty of Md.; in 1853 a member, and in 1874 a fellow, of the Am. asso. for the advanc. of science; in 1852 a member of the Am. med. asso.; in 1855 correspondent of the Philadelphia acad. of natural sciences; in 1869 a corres. member of the Maryland acad. of sciences; in 1872 a member, and in 1876 vice-president, of the Am. public health asso., and in 1876 a member of the International med. congress in Philadelphia. He was at one time assistant editor of the *American Medical Monthly*, N. Y.; translated, in conjunction with Dr. Breed, "Will's Chemical Analysis," and a number of small works of fiction; has contributed monographs and reviews to medical and literary journals, and published addresses, discourses, and scientific and other reports, besides contributions to the political literature of the day. At the close of the war, having been made president of the school board of Frederick co., he reorganized the public schools of the county, holding his place at the head of the school board until 1868. In 1871 he was elected by the Republicans to represent the county of Frederick in the State senate for four years, and in 1875 re-elected for a similar term. During the civil war he was actively employed as an inspector by the U. S. sanitary commission, and for a long time was in charge of its operations in the army of the Potomac as chief inspector. He married, Oct. 20th, 1866, Sarah S. Smith, daughter of the Hon. Ralph D. Smith, of Guilford, Conn.

BULKELEY, JONATHAN E., was born, Nov. 16th, 1823, at Wilkesbarre, Luzerne co., Pa. He is the son of Jonathan and Elizabeth Bulkeley. He graduated at Dickinson coll., Carlisle, Pa., July 4th, 1842, receiving three years after the degree of A. M., and at the Jefferson med. coll., Philadelphia, March 28th, 1846. In the spring of 1846 he began practising at Plymouth, Luzerne co., Pa., but Dec. 4th, 1849, removed to Wilkesbarre, where he now lives. He is a member of the Luzerne co. med. soc., of which he was elected president in Jan., 1873; the State med. soc., of which he was elected vice-president June 12th, 1873, and also a member of the Am. med. asso. He was ass't surg. of the 4th Pa. reserves, enrolled Nov. 26th, 1862, and mustered out on the expiration of their term of service, Jan. 12th, 1864; surgeon of the 1st battalion of one hundred days' infantry, Pa. vols., enrolled Aug. 11th, 1864, and mustered out, their term of service having expired, Nov. 12th, 1864. He was married to Clara C. Stark, Sept. 17th, 1868.

MCQUILLEN, JOHN HUGH, Philadelphia, was born in that city, Feb. 12th, 1826. His parents were Captain Hugh McQuillen, who served under Decatur during the war of 1812, and Martha (Scattergood) McQuillen, whose ancestors came to America with William Penn, and one of whom, Thomas Scattergood, was, during the colonial period, a celebrated preacher in the communion of Friends. His early education was received at Friends' schools in Philadelphia, and at sixteen years of age he entered an importing house in that city as a clerk. In this, to him uncongenial, employment he continued until he was twenty-one years old. His tastes naturally inclined towards the learned professions, and during the whole of his mercantile apprenticeship he remained steadfast to his innate predilections, and used all such time as he could spare from his business pursuits in obtaining a preliminary education calculated to prepare him for a course of

systematic professional study. At length, in 1847, he found himself in a position to carry out his long-cherished intention, and in that year began the study of medicine and dentistry. These studies he continued during the ensuing five years. In 1849 he began the practice of dentistry, still continuing his attendance upon medical lectures at Jefferson coll., and in 1852 he received his degree of M. D. from that institution. The honorary degree of D. D. S. was given him in recognition of his services to that profession. At this period his first communication was published, and thence onward, during a term of twenty-five years, he has been a constant contributor to the literature of his profession. In 1857 he accepted the chair of operative dentistry and dental physiology in the Pa. coll. of dental surgery, continuing to discharge the duties of his professorship until 1862. In 1859 he originated the idea that developed into the Am. dental asso., advocating, in an article published in the *Dental News-Letter*, over the signature "Junius," an organization of the dental profession on the basis of the Am. med. asso. His project was soon realized in the establishment of the association as a representative body, composed of delegates from the local, county and State dental societies, to generally protect and advance the interests of dentistry throughout the country. The first meeting of delegates was held in 1859 at Niagara, and since that date annual meetings have been held in various sections of the country with a constantly increasing attendance. As now constituted, the association is regarded as representative of the dental profession in America. In this year (1859) he became editor of the *Dental Cosmos*, a monthly journal, recognized as the organ of the profession and circulating in every part of the world where dentistry is practised. This position he retained for thirteen years, giving to its duties a thorough service, the result of his ardent professional zeal and desire to advance the interests and status of dental science. He invariably contributed original matter to each number of the magazine, many of his papers attracting marked attention. Among these may be mentioned as particularly noteworthy a monograph upon "The Action of Anæsthetics on the Blood Corpuscles," which was copied, as was the case with various other articles from his pen, into leading medical and microscopical magazines both in this country and in Europe, being translated into German, French and Italian. His writing has dealt broadly with the principles and practice of dentistry and with dental education, and has also been expository and discussive of histology and microscopy. His editorship of the *Dental Cosmos*, it may be mentioned, was referred to in terms of the warmest praise by Prof. O. W. Holmes, in a lecture upon the claims of dentistry delivered before a graduating class of the Harvard dental school. In 1862 he resigned his professorship in the Pa. coll. of dental surgery, and in the spring of the following year made application to the legislature of Pennsylvania for a charter for a new dental coll., to be called the Philadelphia dental coll. The undertaking met with determined opposition, but the charter was, nevertheless, granted, and in the fall of 1863 the college was established and lectures begun, the first class entered numbering but eleven students. But that the necessity for such a college existed has been fully proved by its great success, it having developed, within a decade, from a local to a cosmopolitan school of dentistry, its list of graduates including names of students from the four quarters of the globe. Dr. McQuillen may justly be regarded as the founder of this important educational institution, and the greater credit is his in that its foundation necessitated on his part sacrifices of time, labor and money. He, and each of the four others associated with him in the enterprise, paid $700 (making an aggregate sum of $3,500) in order to secure the delivery of the first course of lectures. At the second term, so rapidly had the attendance increased, but $50 apiece was required from the faculty to make good the deficit in the budget, and since then the college has grown to be far more than self-sustaining. Indeed, the great progress which it has made in its short term of existence, and the high reputation which it now holds, amply justify and reward the perseverance of its determined founders. During the present session, 1876–77, its lectures are attended by 145 students. Dr. McQuillen is dean of the faculty of the college, and occupies the chair of physiology. He has been president of the Am. dental asso.; of the Pa. State dental soc., and of the odontographic soc. of Pa.; for several years has been corres. secretary of the biological and microscopical section of the Philadelphia acad. of natural sciences, and is a corres. member of a number of scientific societies in the United States and Europe.

CHASE, GEORGE CLEMENT, Downieville, Cal., was born in Cornish, Sullivan co., N. H., Sept. 16th, 1811, of English and Scotch parentage. His literary education was obtained at Dartmouth coll., and his medical education in the med. dep't of that institution, whence he graduated, Nov. 18th, 1847. He commenced practice first in Lyn-

don, Vt., but afterwards, in 1851, removed to his present residence and pursued his profession. He is a member of the med. soc. of the State of Cal., and is on the committee on medical education at the present time. He has also for five years held the position of physician to the Sierra co. hosp. In Dec., 1842, he married Maria, daughter of Dr. Hubbard Field, of Lyndon, Caledonia co., Vt.

CHENOWETH, WILLIAM J., Decatur, Ill., born at Greensburg, Greene co., Ky., Dec. 1st, 1823, is the great-grandson, on his father's side, of Richard Chenoweth, who emigrated from Virginia to Kentucky with Gen. Geo. Rogers Clarke, in 1778, and, on his mother's side, of Col. Harrod, who built the first cabin ever erected in Kentucky. He graduated at the Augusta (Ky.) coll. in 1841, receiving the degree of A. M. in 1844; took his first course of medical lectures at the med. coll. of Ohio in 1849-50; and graduated at the univ. of Louisville in 1853; settling at Hillsboro, Ky., in 1850, but in 1853 removing to Illinois, and settling at Decatur in May, 1854. His notable cases include trephining, gastrotomy, and operations for cataract, stone in the bladder, ruptured perinæum, and vesico-vaginal fistulæ. His specialty is the surgical diseases of women. He is a member of the Decatur med. soc.; the district med. soc. of central Illinois; and the Am. med. asso. He was surgeon of the 35th regiment of Illinois volunteers from Sept. 1st, 1861, to Dec. 14th, 1862, when he resigned on account of the ill health of his family. He married, May 19th, 1846, America Leferge, granddaughter of the famous Michael Cassidy, of Kentucky.

HOWARD, FLODOARDO, Washington, D. C., was born, March 11th, 1811, in Stafford co., Va., his parents being Joseph and Mary Howard. After receiving a preliminary education at Brookville acad., Md., he commenced the study of medicine under the tuition of Henry Howard, M. D., subsequently entering the med. dep't of Columbia coll., Graduating in 1841 he located in Washington, where he has since continued the general practice of his profession, and making a specialty of obstetrics and diseases of women and children. He is a member of the American med. asso., med. asso. of the District of Columbia (of which he is an ex-president), med. soc. of the District of Columbia (some time its vice-president), and president and director of several life and fire insurance companies, mining companies and building associations. He is also emeritus prof. of obstet. and dis. of wom. and chil. in the med. dep't of the univ. of Georgetown, of which department he was one of the founders; consult. phys. to Providence hosp., also to the Christian woman's home, and attend. phys. to St. Vincent's orphan asylum. He was married, June 11th, 1833, to Lydia M., daughter of Samuel Robertson, of Maryland.

MOORE, WILLIAM J., Norfolk, Va., was born, June 21st, 1819, at that place. After receiving a classical education in the schools of Norfolk, Va., and the literary dep't of Jefferson coll., he commenced the study of medicine in the office of Dr. T. F. Andrews, F. R. M. C. soc. of London, subsequently matriculating at the univ. of Pa., and graduating therefrom with the degree of M. D. in April, 1841; first settling in the city of his birth, where he still remains. He is a member of the Am. med. asso., med. soc. of Va., med. soc. of Norfolk. From 1855 to 1861 he was surgeon of the U. S. marine hosp., and during a portion of the same period was consulting surgeon to St. Vincent's hosp. He served as surgeon of division in the army of the Confederate States from 1862 to the termination of the late civil war. He was married, Dec. 19th, 1848, to C. A., daughter of Joseph Tyler Allyn, Esq., of Norfolk, Va.

NEBINGER, ANDREW, was born in Philadelphia, Dec. 12th, 1819, his parents being Andrew and Honora (St. Leger) Nebinger. After receiving an academical education, he was apprenticed to the drug trade, and in 1839 established himself in business on his own account. This business he continued during the ensuing eight years, then relinquishing it for the purpose of studying medicine. He attended lectures in the med. dep't of the univ. of Pa., obtaining therefrom his degree of M. D. in April, 1850. Establishing himself in Philadelphia, he rapidly acquired a very large general practice, which continued to increase until within the past few years, when his various official duties compelled him to curtail its extent. He is a member of the State, county, and Northern med. socs., having held the positions of vice-president of the State, and president, vice-president and treasurer of the county societies, and of the obstet. soc. He is also a member of the Am. med. asso., a fellow of the coll. of phys., and a life-member of the acad. of nat. sciences. For three years he was a member of the board of managers of the Wills' ophthalmic hosp., being elected by the city councils, and serving during the latter half of his term as president of the board. In

1868 he was appointed member of the board of education of Phila., and has been reappointed to that position every three years since. He is at present medical director of St. Mary's hosp. During the war he was an active member of the Cooper Shop Volunteer Refreshment Saloon, which institution he served as surgeon-in-charge during the entire continuance of the war. He also assisted in the organization and was one of the corporators of the Cooper Shop Soldiers' Home, the first institution of the kind established in the country, serving as its vice-president. He has been an extensive contributor to the literature of his profession, his writings having appeared in the leading medical journals. Of his most important papers may be mentioned: "Variola; its Nature and Treatment," in which was advocated a compensating nutritive treatment; "Diphtheria," and "Puerperal Convulsions." Many biographies of deceased physicians have come from his pen.

HARLOW, HENRY MILLS, Augusta, Maine, son of Eleazer and Ruth Harlow, was born in Westminster, Windham co., Vermont, April 9th, 1821. His academic education was obtained at the Ashby (Mass.) acad., and Burr seminary, Manchester, Vt., and he pursued his medical studies in the offices of Dr. Alfred Hitchcock, of Ashby, Mass., Prof. Ray Palmer, of Woodstock, Vt., and in the Harvard med. school, Boston, and Berkshire med. school, Pittsfield, graduating from the latter in 1843. He entered Vermont asylum for the insane, Brattleborough, Vt., as ass't phys., 1844, but removed to the Augusta (Me,) insane hosp., in the same capacity, in 1845. In 1852 he was promoted to the superintendency of that institution. His specialty is treatment of the insane, and nervous diseases. He was president of the Maine med. asso. for one year, elected 1861; and member of the asso. of med. superintendents of Am. institutions for the insane. His contributions to medical literature have been mostly in reports of the institution of which he is superintendent. In 1852 he married Louisa S., daughter of William A. Brooks, Esq., of Augusta, Me.

MICHEL, RICHARD FRASER, Montgomery, Ala., was born, Feb. 15th, 1827, at Charleston, S. C., his parents being of Huguenot and Scotch ancestry. After receiving an academic education he matriculated at the med. coll. of the State of S. C., graduating therefrom March 11th, 1847. He commenced the practice of his profession in his native city, where he continued until 1861, when he entered the service of the Confederate States as surgeon in the army of northern Va. At the close of the war he located in Montgomery, Ala., where he has since remained. He was in 1872 vice-president of the Am. med. asso.; in 1869 president of the med asso. of the State of Ala.; in 1868 vice-president, in 1874 censor, and in 1876 orator of the same organization; and is now president of the med. and surg. soc. of Montgomery, Ala., having previously been its corres. secretary for ten years. Among his contributions to the literature of the profession have been papers on "Function of the Ciliary Processes of the Choroid Coat of the Eye;" "Break-bone Fever;" "Hemorrhagic Malarial Fever;" "Purpuræmia;" "Yellow Fever Epidemic in Montgomery, Ala., 1873," etc. During a portion of the period of his professional residence in Charleston, he served as prof. of mat. med. in the med. institute, and demonstrator of anat. in that institution for ten years; was counsellor of the med. asso. of the State of S. C. for many years. He was married, Feb. 15th, 1854, to Annie Rivers, of Charleston, S. C.

MOWRY, ROBERT B., was born in Pittsburgh, Dec. 23d, 1813. Graduating from the collegiate section of the Western univ. of Pa., he entered Jefferson med. coll., and in 1836 received his degree of M. D. Establishing himself at Allegheny City, he built up an extensive general practice in which he is still engaged. He has devoted much time to the study of gynæcology, and his researches have tended to the material advance of medical knowledge in this direction. He is a member of the Am. med. asso; of the State med. soc., of which he is president; of Allegheny co. med. soc., of which he was also president; and is an associate fellow of the Philadelphia coll. of phys. He was married, June 6th, 1836, to Arianna R., daughter of James M. Riddle, Esq., of Pittsburgh.

RANKIN, DAVID NEVIN, Allegheny, Pa., second son of Dr. William and Caroline (Nevin) Rankin, was born in Shippensburg, Pa., Oct. 27th, 1834. Receiving his preliminary education at Newville acad., he entered Jefferson med. coll., graduating therefrom in March, 1854. In conjunction with his father he practised in Shippensburg until the breaking out of the rebellion. Appointed an act. ass't surg. of vols., he served during the war in hospital and field, being detailed to assist in organizing several of the more important of the U. S. army hosps.

He was also a member of the volunteer aid corps of surgs. of Pa. The war ended, he established himself in Allegheny, where he has since remained, making a specialty of diseases of the throat and nose, but attending also to the duties of a large general practice. He is a permanent member of the Pa. med. soc., member of the Allegheny co. med. soc., and member of the soc. of nat. sciences of western Pa., being of this last-named organization at present vice-president. He has contributed reports of cases to leading professional periodicals. He is medical examiner to the U. S. pension bureau, medical referee for the Ætna life insurance company for western Pa., and physician to the Pa. western penitentiary. He was married, May 7th, 1863, to Kate, third daughter of Henry Irwin, Esq., of Allegheny.

DALE, WILLIAM JOHNSON, Boston, Mass., was born in Gloucester, in that State, Sept. 5th, 1815. His grandfather, William Johnson, fought at Bunker Hill, and his father was a surgeon in the army during the war of 1812. Graduated from Harvard univ. in 1837, and from its med. school in 1840, he began practice in Boston. On June 14th, 1861, he was commissioned by Gov. Andrew surgeon-general of the State, with the rank of brigadier-general. He held the same position during the war, and has held it continuously until the present time (October, 1877). He was also act. med. director and act. med. purveyor, U. S. army. A member of the Mass. med. soc., he is one of its counsellors, and was its anniversary chairman.

WOODWORTH, BENJAMIN STUDLEY, Fort Wayne, Ind., was born, Feb. 13th, 1816, in Leicester, Mass. His ancestors were English Puritans, who settled in the Plymouth colony. He entered Hamilton coll. in 1831, but did not graduate. He studied medicine in Rome, N. Y., and attended medical lectures at the Western coll. of phys. and surg., Fairfield, N. Y., and at Berkshire med. coll., Pittsfield, Mass., where he graduated Nov. 27th, 1837, subsequently, in 1842–43, attending lectures at the New York univ. He began his practice, March, 1838, in Lake co., Ohio, but soon removed to Grand Rapids, Ohio, where he stayed seven years, when, in the spring of 1846, he settled permanently in Fort Wayne, Ind. He is a member of the Allen co. med. soc.; the Northeastern med. asso.; the Ind. State med. soc., of which he was president in 1861–62; and has been a member of the Am. med. asso. since 1856. His graduating thesis, on "Auscultation," was thought, by Prof. Elisha Bartlett, to contain some original ideas, for which Laennec, the great authority at that time, had not fully provided. He has since contributed some papers to medical journals. Under the administration of President Polk he held the office of postmaster. He is dean of the faculty of the Fort Wayne med. coll., filling the chair of midwifery. He was married in 1843 to Deartha Burritt, of Steuben co., N. Y., and has had five children, all of whom are grown up and living. It may be added that he has pursued his long professional career under the abiding disadvantage of a constitution not merely feeble but predisposed to phthisis.

LEE, BENJAMIN, Philadelphia, was born at Norwich, Conn., Sept. 26th, 1833, his father being the Rt. Rev. Alfred Lee, D. D., bishop of Del., while among his maternal ancestors was Judge Trumbull, of Conn., the patriot poet of the Revolution. After receiving his primary education at the Episcopal acad., Philadelphia, he entered the collegiate dep't of the univ. of Pa., graduating A. B. in 1852, and A. M. in 1855. He attended lectures at Jefferson med. coll. in 1853–54, and at the New York med. coll. in 1854–55–56, obtaining his degree of M. D. from the latter institution in 1856, and receiving a prize for his thesis on "The Mechanics of Medicine." After a service of two years in the hospitals of New York he further prosecuted his studies in Paris and Vienna, and was secretary of the Am. med. soc. in Paris in 1858. Returning to this country, he established himself in general practice in New York, and while in that city was a member of the N. Y. co. med. soc., and of the med. soc. of the State of N. Y. In 1863 he became associated with Dr. Charles F. Taylor in the treatment of deformities and spinal affections by mechanical agencies, and in 1865 removed to Philadelphia, continuing the practice of orthopedics and the treatment of nervous diseases, and especially devoting himself to the development of mechanical therapeutics in connection with these classes of affections. He is a member of the Philadelphia co. med. soc., of which he was corres. secretary in 1875 and vice-president in 1876; of the med. soc. of the State of Pa., of which he was elected treasurer in 1873; and of the Am. med. asso. His most important production as a medical author is his work, "The Correct Principles of Treatment for Angular Curvature of the Spine;" but beside this he has contributed various papers to leading medical periodicals, and during 1862 was editor of the *American Medical Monthly*.

During June, July and August, 1862, and July, 1863, he served as surgeon in the U. S. army, being attached to the 22d regiment, N. G. S. N. Y. He was married, April 5th, 1859, to Emma Hale, daughter of Norman White, Esq., of New York.

LE CONTE, JOHN L., was born in New York, May 13th, 1825, his father, John E. Le Conte, some time an officer in the U. S. army, holding a prominent place among the early botanists and zoologists of this country, and being well known in scientific circles at home and abroad. His family is of noble Huguenot origin, and has been resident in America since the revocation of the edict of Nantes. Graduating from Mount St. Mary's coll. in 1842, he entered the coll. of phys. and surg., New York, and in 1846 received his degree of M. D. Six years later he came, with his father, to Philadelphia, then the centre of the intellectual life of the continent. In Philadelphia—save during his various journeys in the interest of science, and during his army service—he has since remained. Being offered an appointment to Trautwine's party, sent out to make a survey for an inter-oceanic railway across Honduras, he spent several months in the tropics in 1857; contributing a memoir upon the "Economic Geology of Honduras" to the final report of the survey. He also contributed, to Squier's "Central America," a paper upon the famous Fuente de Sangre, solving the mystery of that phenomenon. He was attached ten years later (1867) to the Kansas Pacific extension survey, under Gen. W. W. Wright; visited portions of Colorado and New Mexico, and prepared a report embodying his observations upon the geological formation of the region adjacent to the line surveyed. On the breaking out of the late war, he entered the army as surgeon of U. S. vols.; was subsequently promoted to be med. inspector, with the rank of lieutenant-colonel, U. S. army, and in this capacity served until that grade of the medical corps was mustered out in 1865. He is a member or corres. member of many of the leading scientific societies of America and Europe: acad. of the nat. sciences, Philadelphia, 1845, at present vice-president; Am. philosophical soc., 1853; National acad. of sciences of the U. S., 1863; Am. asso. for advancement of science, 1848, was president in 1874; Am. entomol. soc., now president; entomolog. and zoolog. socs. of London; soc. entomologique de France; Imperial acad. of sciences, belle-lettres and arts, Lyons; Imperial soc. of nat. sciences, Cherbourg; nat. hist. soc. of Leipsic; Royal physical soc. of Edinburgh; Russian entomolog. soc.; Royal soc. of sciences, Liege, Belgium; Royal Bavarian acad. of sciences; Imperial free economical soc., St. Petersburg; entomolog. soc. of Stettin; societe entomologique Belge; Imperial royal geolog. institution of Vienna, etc., etc. He has been for many years a voluminous contributor to the magazines and transactions of various learned societies, his writings being mainly upon entomology, and in this branch of science he stands at the head of American original investigators.

CURWEN, JOHN, Harrisburg, Pa., was born, Sept. 20th, 1821, in Lower Merion, Montgomery co., Pa. He graduated at Yale coll. in 1841, and at the med. dep't of the univ. of Pa. in April, 1844. For some months before graduating at the latter institution he was a resident of Wills' hosp., Philadelphia; but being elected, a few weeks after his graduation, ass't phys. of the Pa. hosp. for the insane, he entered on duty there, June 3d, 1844, and continued until Oct. 1st, 1849, from which date he had an office in Philadelphia till Feb. 13th, 1851, when he was chosen superintendent and physician of the Pa. State lunatic hosp., at Harrisburg, where he has since remained. He is a member of the Dauphin co. med. soc., of which he has been president; of the Pa. State med. soc., of which also he has been president; of the Am. med. asso.; of the asso. of med. superintendents of Am. institutions for the insane, of which he is likewise secretary; and an hon. member of the Am. philosophical soc. of Philadelphia. He published in 1851 a small volume, entitled "Manual for Attendants in Hospitals for the Insane;" but, with the exception of a paper on the "Proper Treatment of the Insane," read before the Am. med. asso. and published in their "Transactions," his contributions to medical literature have consisted mainly of reports of the Pa. State lunatic hosp., memorials in behalf of the hospitals for the insane at Danville and Warren, and on some cognate topics, and reports of the commissioners of the institutions just mentioned. He was commissioner for the selection of the site and erection of the State hosps. for the insane at Danville and Warren, and for several years, under appointment of Gov. Pollock, was trustee of the western Pa. hosp. for the insane, now at Dixmont. He was married, Aug. 2d, 1849, to Martha P. Elmer, of Bridgeton, N. J., who died May 12th, 1873.

SANGER, EUGENE F., Bangor, Me., was born in Waterville, Me., Oct. 18th, 1829. He was educated at Waterville acad. and pursued his medical studies in Jefferson

med. coll., graduating A. B. from Dartmouth coll. in 1849, and from Jefferson, M. D., in 1853; A. M. at Waterville coll., 1857. After graduating he served as ass't surg. in the U. S. marine hosp., Chelsea, Mass., and as ass't phys. and surg. at Blackwell's island hosps., N. Y., and insane asylum in 1853–54. During parts of that and the next year he spent some time in Europe, and returning to this country located himself in Ellsworth, Me. In 1857 he removed to Bangor. He is a member of the Penobscot co. med. asso.; of the State med. asso., of which he was secretary in 1859, vice-president in 1871, and president in 1876; of the Am. med. asso.; and hon. member of the Detroit acad. of med. He has contributed various articles to the "Transactions" of the Me. med. asso.; among them: "Eczema," 1870; "Elbow-Joint Resection," 1866; "Inversion of the Womb," 1872; "Malignant Growths," 1871; "Abscess of Lungs," 1874. He is a member of the Loyal Legion, and held the position of common councilman of Bangor in 1870 and 1871. During the war—June 2d, 1861—he was surgeon to the 6th Me. infantry; promoted to U. S. brigade-surgeon in the same year, Nov. 9th; surgeon in charge St. James' hosp., New Orleans, 1862, and med. purveyor of the dep't of the Gulf; chief surg. 2d div., 19th army corps, 1863; med. director of same, dep't of the Gulf, 1864, and surgeon in charge of Elmira (N. Y.) prison, in the same year; med. director of district of Mich., and surgeon in charge of Harper's and St. Mary's hosps., Detroit, in 1864 and 1865; med. inspector and med. director of district of East Tenn. during part of 1865; and was also surgeon-general of the State of Me., with rank of colonel, during 1869–70, and is now and has been since 1866 pension examining surgeon. Aug., 1876, he was elected president of the 6th Me. regimental asso. at the grand reunion at Portland of all the regiments which served in the war from Maine. In Dec., 1857, he married Emily F., daughter of Sabin Pond, Esq., of Ellsworth, Me., and has three children.

JUNKIN, JOHN M., Easton, Pa., was born in Milton, Northumberland co., Pa., July 21st, 1821. His parents were Rev. Dr. George Junkin and Julia Rush (Miller) Junkin, both of Scotch origin. He received his lay education at Lafayette coll., Easton, Pa., and Miami univ., Oxford, O., graduating from the latter in 1841. He pursued the study of medicine at the Jefferson med. coll., taking his degree of M. D. in 1845. He has been a resident successively of Minersville, Pa., Trenton, N. J., Holmesburg and Easton, Pa. His specialty is uterine diseases and obstetrics, and during his practice he has saved a life by transfusion in a case of fearful flooding. He is a member of the Northampton co. med. soc., Pa., and of the med. soc. of the State of Pa. He served for over three years as surgeon in the army during the civil war. In 1852 he married Julia, daughter of William Imlay, Esq., of Allentown, N. J.

FALCONER, CYRUS, Hamilton, O., descended from the Falconers of Virginia, was born in Washington co., Pa., Jan. 21st, 1810. Educated at the Miami univ. and at the Ohio med. coll.—a graduate in 1839 from the Cincinnati med. coll.—he established himself in practice in Hamilton in 1832, and has since been actively professionally engaged in that town. Among his notable cases may be mentioned the successful performance of Cæsarean section, reported in *Western Medical Journal* for May, 1843; repeated operations for strangulated, inguinal and femoral hernia; a continued successful use—extending over several hundred cases—of the obstetric forceps, etc. He is a member of the Butler co. med. soc., at present (1877) president, and a member of the Ohio State med. soc., vice-president in 1845. In Dec., 1839, he was a member of the Harrisburg conv. that nominated Gen. Harrison for the presidency. From 1870 to 1874 he was a trustee of the agricul. and mechan. coll. of Ohio, at Columbus. He was a delegate from the Ohio State med. soc. to the International med. cong., Philadelphia, Sept., 1876. He married (1), Oct. 8th, 1839, Mary, daughter of the Hon. John Woods, of Hamilton, O.; and (2), Feb. 1st, 1872, Margaret, daughter of James McKee, Esq., of Wheeling, W. Va.

BRAY, MADISON J., Evansville, Ind., was born, Jan. 1st, 1811, at Turner, Me., and is a lineal descendant of Dr. Bray, who emigrated from England, and practised his profession at Cape Ann, Mass. He was educated at Hebron acad., Dartmouth, and Bowdoin med. coll., graduating from the latter institution with the degree of M. D. in 1835, and subsequently spent a winter in New York, attending lectures and visiting the hospitals. Locating at Evansville in 1835 he has ever since continued there, making a specialty of surgery. He filled the chair of surgery in Evansville med. coll. for about twelve years; was surgeon at the marine hosp., Evansville, for four years; surgeon in the U. S. army three years; and is now surgeon at St. Marie's hosp. He is a member of the Ind. State med. soc., of which he was president one term; and the Evans-

ville med. soc., of which he was president for two years. He has written several papers on "Cancer," "Tumors," and "Lithotomy." He was married in 1838 to Elizabeth Johnson, of Hindham Hill, niece of Admiral Tates and cousin to Rear-Admiral Aldin.

DEAN, BENJAMIN DOUGLASS, San Francisco, Cal., was born in Freetown, Bristol co., Mass., April 5th, 1820. His father's family were farmers and his mother's were engaged in seafaring pursuits. When ten years of age his parents removed to Fall River, in the district school of which place he received his earlier education, completing his literary education at the Pierce acad., Middleborough, Mass., and Bacon acad., Colchester, Conn. He pursued his medical studies in the offices of William Henry Allen Crary, M. D., of Fall River, and Dr. Gilman Kimball, of Lowell, Mass.; attended the medical lectures at the Berkshire med. coll., Pittsfield, Mass., and graduated from that institution, M. D., in Nov., 1843. He established himself in practice in 1844 in Fall River, then removed to Norwich, Conn., and after remaining there fourteen years finally settled in San Francisco. He is a member of the San Francisco med. soc., was its president in 1871; and of the co. med. soc., of which he has been for many years librarian, and he is also on its board of trustees. In 1876 he was elected first vice-president of the State med. soc. of Cal. In 1860 he was appointed and still is physician to the Industrial school, a large reformatory institution situated about six miles from San Francisco. In May, 1856, he delivered the annual address before the State med. soc., at Hartford, Conn. Among the public offices held by him are: member of the general school committee of Fall River, shortly after his removal to that city; chairman for many years of the public school department of Norwich, Conn., and member of the board of selectmen of that place. He is also a trustee of the savings and loan soc. of San Francisco, the oldest savings institution in Cal. In Nov., 1844, he married Sarah Taintor, daughter of Dr. Howell Rodgers, of Colchester, Conn. She died in Oct., 1847. In May, 1851, he married Eliza Ann, daughter of William Woodward, Esq., of Providence, R. I.

BEMISS, SAMUEL MERRIFIELD, New Orleans, La., was born, Oct. 15th, 1821, in Nelson co., Ky., his parents being Dr. John and Elizabeth (Bloomer) Bemiss, the former a native of Mass., and the latter of N. Y. Receiving a preliminary education under the instruction of his father and private tutors, he subsequently entered the med. dep't of the univ. of N. Y., graduating with the degree of M. D. in 1846. Locating in the practice of his profession in Bloomfield, Ky., in 1842, he there continued until 1853, removing in the latter year to Louisville, where he continued in practice (with the exception of the period covered by his service in the army) until 1865, since which time he has resided in New Orleans. He is a member of the Am. med. asso. (secretary in 1858, and vice-president in 1868); coll. of phys. and surg., Louisville (of which he has been secretary and vice-president); Ky. State med. soc. (in which he has held the positions of treasurer and secretary); Boston gynæcol. soc.; prof. clinical med., 1858; hygiene and med. jurisprudence, 1859–60; mat. med. and therapeutics, 1861; physiol. and pathol., 1865, med. dep't univ. of Louisville; prof. of theory and prac. of med., and clinical med., med. dep't univ. of La. from 1866 to present time. Among the papers he has contributed to the literature of his profession are, a "Report on Consanguineous Marriages," Am. med. asso.; and an "Essay on Croup." He has been State registrar of Ky. and a member of the La. board of health. He was a surgeon in the Confederate States army, 1862 to 1865. He was married, Oct. 16th, 1849, to M. Frances, daughter of Eli Lockert, of Tennessee.

CLAPP, SYLVANUS, Pawtucket, R. I., was born, Nov. 22d, 1815, in West Hampton, Mass. He is the son of Bela Parsons Clapp and his wife, Cynthia Cave, the seventh in descent from Roger Clapp, who came to New England from old England in 1630, and subsequently became captain of the governor's castle at Dorchester. He was educated at Sheldon acad., Southampton, Mass., and having attended lectures at the Harvard med. school in 1835, and at Hanover, N. H., in 1836, received in the latter year the degree of M. D. from Dartmouth coll., and the same year began the practice in Chesterfield, Mass., whence, in 1841, he removed to Pawtucket, R. I., where he is still in active practice. In 1835 he was chosen a member of the Boylston med. soc. in Boston, in 1839 of the Mass. med. soc., and in 1842 of the R. I. med. soc., of which he was the first delegate chosen to represent it in the Mass. soc., and of which also he was president from 1864 to 1866; and he is a permanent member of the Am. med. asso., and of the Providence med. asso. In 1870 he received from Brown university the honorary degree of A. M. He has read several papers before the R. I. med. soc., some of which

have been published in its "Transactions;" and he delivered at the annual meeting of the society, June 7th, 1854, an address on "Diabetes Mellitis," which the society ordered to be printed, and which is perhaps the ablest of his productions. He was appointed surgeon of the 3d brig., 4th div. of the Mass. militia, by Gov. Edward Everett. He has been president of the board of managers of the Pawtucket dispensary, and consult. phys. to it, ever since its organization in 1865; is phys. to St. Joseph's convent; and has been consult. phys. to the R. I. hosp. from its organization; is consult. phys. to the Butler insane hosp. He is a director of the North Providence bank. He married Lucy Mari Clapp, daughter of Ebenezer Clapp, Jan. 15th, 1839, by whom he has four children; his only son, Levi Wharton Clapp, a graduate of Brown univ. and of the Harvard med. school, being in practice with his father.

BYRD, HARVEY LEONIDAS, Baltimore, Md., born at Salem, Sumter dist., S. C., Aug. 8th, 1820, is descended from English and Scotch-Irish ancestors, who early settled in this country, his paternal grandfather serving as a member of Marion's brigade during the revolutionary war. After receiving a classical education in S. C., and having the honorary degree of A. M. conferred upon him by Emory coll., Ga., he entered the Jefferson med. coll. and subsequently the Pa. coll., graduating therefrom with the degree of M. D. in 1840, and again as an M. D. from the univ. of Pa. in 1867. After graduating in 1840 he commenced the practice of his profession at Salem, S. C., subsequently removing to Georgetown, S. C., Savannah, Ga., and ultimately to Baltimore, Md., in which city he is now located and engaged in active practice. On removing to the last-named city, soon after the close of the war, he began a movement for the re-opening of Washington univ., which had suspended operations for several years, with a view to the establishment of a prosperous Southern medical school. Dr. Thomas E. Burd, a member of the late faculty, concurring in the opinion that the time was propitious for such an enterprise, joined heartily in its consummation. Dr. Warren and other gentlemen who had served in the Southern army, co-operating, the announcement of the opening of the school was issued over Dr. Byrd's name, as dean of the faculty, and the school entered at once upon a career of almost unprecedented success. After about five or six years he withdrew from the school to join Drs. Warren, Goolrick, and others in the establishment of the coll. of phys. and surg. of Baltimore. During his professional career he has held the professorships: mat. med. and therapeutics, and also as dean of the Savannah med. coll.; of princ. and prac., and clinical med.; also as dean of Oglethorpe med. coll., Ga.; of obstet., and some time dean of Washington univ., Baltimore; of prin. and prac. of med., and of dis. of wom. and chil., of the coll. of phys. and surg., Baltimore, in which he has also held the position of first president of its faculty. Among the many papers which he has contributed to medical journals, the more noteworthy are: "Muriated Tincture of Iron in Scarlatina;" "Yellow Fever;" "Combination Operation in Amputation;" "Speedy Method in Asphyxia of Newly-born Infants;" "Blood-letting in Disease;" "Quinia in Traumatic Tetanus;" and the "Physiological Impossibility of Descent of the Races of Men from a Single Pair." He is a member of the S. C. med. asso., Ga. med. asso., med. and chirurg. faculty of Md., Baltimore med. asso., epidemiological soc. of Md. (of which he was the first president), and corres. member of the gynæcol. soc. of Boston, Mass. He edited the Oglethorpe *Medical and Surgical Journal* for three years, and is a member of several literary and scientific societies beyond those mentioned above. During the late civil war he served as a surgeon in the Confederate army. On Oct. 31st, 1844, he was married to Adelaide, youngest daughter of the late Hon. John Dozier, of Williamsburg, S. C., who, dying Dec. 24th, 1874, left two children.

CHRISTIAN, EDMUND POTTS, Wyandotte, Mich., was born at Friendsville, Susquehanna co., Pa., April 23d, 1827. His parents and grandparents were Philadelphians, and, on the maternal side, of old Quaker stock. He received his primary education at private schools; was prepared for college at a classical academy in Detroit; graduated at the Michigan univ. in 1847, receiving the degree of A. M. some three years later; and in 1852 graduated from the Buffalo med. coll. He practised in Detroit from the spring of 1852 to the fall of 1857, when he removed to Wyandotte, a growing manufacturing town, twelve miles from Detroit. From 1855 to 1858 he was one of the assistant editors of the *Peninsular Journal of Medicine*, in which and in other local medical journals, and in the "Transactions" of the State and county societies, he has recorded cases of special interest. He is a general practitioner, but has achieved a leading practice more especially in obstetrics, in which branch he is oftener called on for counsel and assistance. He is a member of the Wayne co. med. soc., of which he was vice-president

in 1876; the Mich. State med. soc., of which he was secretary from 1856 to 1859, and one of the vice-presidents in 1873; and the Am. med. asso. The following are the titles of some of his published papers: "Cornine (active principle of cornus Florida) in Intermittents," *Peninsular Journal of Medicine*, Dec., 1855; "Cases of Gestation and Parturition, Complicated with Uterine Diseases," *ibid*, Nov., 1857; "Progressive Development of Physiological Ideas," *ibid*, Dec., 1857; "On the Epidemic Relationship of Zymotic Diseases," *American Journal of Medical Science*, vol. xliv., July, 1862; "On the Zymotic Diseases," report before Mich. State med. soc., 1868, *Detroit Review of Medicine*, Oct., 1868; "Rare Cases in Obstetric Practice," Transactions of the State med. soc., 1869; "Hemorrhagic and Allied Forms of Ague," *University Medical Journal*, June, 1871; "The Vis Medicatrix as a Blood-Letter," *Peninsular Journal of Medicine*, Nov., 1873; "Retained Blighted Fœtuses" (12 cases), *ibid*, May, 1873, republished in the *Obstetric Journal of Great Britain and Ireland;* "Cases of Fœtal Abnormalities and Monstrosities (15 cases reported), with Observations on Embryonic Nutrition," Transactions of the Mich. State med. soc., 1876; "Report of Ten Cases of Prolapsed Funis," *Detroit Review of Medicine*, March, 1870. He has been mayor of the city of Wyandotte, and for a succession of years was a member of the city school board, as also its president; and in 1870 and 1871 was, by appointment of the State superintendent of public instruction, a member of the board of visitors to the Mich. univ. He was married in 1854 to Mary H. Foster, of Detroit.

OSBORNE, THOMAS CHILDRESS, Greensboro', Ala., of English extraction on his father's side, was born in Nashville, Tenn., May 9th, 1818. He received a common school education, and attended medical lectures in the med. dep't of the univ. of Louisville, Ky., at the session of 1839–40. The Memphis (Tenn.) med. school conferred on him the honorary degree of M. D. in 1861. He settled at Sugg's Creek, Wilson co., Tenn., in 1840; moved to Lacey's Spring, Morgan co., Ala., in 1843; removed to Erie, Greene co., Ala., in 1845, and in 1853 to Greensboro'. He is a member of the Greensboro' med. soc., of which he was president for many years; the State med. asso. of Ala., of which he was chosen president in 1871; the State med. soc. of Tenn., and the Am. med. asso.; and a corres. member of the Atlanta acad. of med., and of the Mobile pathol. soc. He has written a paper on "The Peculiarity of the Tongue in Malarial Diseases," *Western Journal of Medicine and Surgery*, vol. viii., 3d series, reprinted in "Transactions" of the Am. med. asso., vol. xx.; short articles in the *Western Journal of Medicine and Surgery*, vols. v., vi., vii., and viii., new series, and vols. iii. and iv. in 3d series; "A Notice of a New Disease," *New Orleans Medical and Surgical Journal* for Oct., 1868, and several other papers in other numbers of the same journal; and also a formula for "A Specific Pill in Neuralgia," an efficient diaphoretic, *American Practitioner*, Sept. number, 1871. His annual address as president of the Ala. med. asso. is published in the "Transactions" of the association for 1872, and also in pamphlet form. In 1872 he was elected to the chair of the institutes of med. and med. jurisprudence in the med. dep't of the Southern univ., but resigned the following year.

COLLINS, CLARKSON T., Great Barrington, Mass., was born in the village of Smyrna, Chenango co., N. Y., Jan. 8th, 1821. His parents removed to Utica when he was a child, where they resided until his father's death in 1870. His mother died in 1875. His father's ancestors came from England about the year 1630 and settled in Lynn, Mass. Some of the family removed to Va. The branch from which he descended united with the Society of Friends, and went to R. I. about the year 1666. His grandfather emigrated to central N. Y. about 1800, and purchased a large tract of land. His mother's maiden name was Hall. Her great-grandfather, Col. William Hall, left the British army and came to America, and settled on a plantation near Newport, R. I., some years before the revolutionary war. Her father also emigrated from R. I. about the year 1800, and also bought a tract of land in central N. Y. At an early age the subject of this sketch was placed at "Ninepartners" boarding school, an institution under the direction of the Society of Friends, near Poughkeepsie, on the Hudson. While pursuing his literary studies his health broke down, necessitating a visit to the South of one winter's duration. On his return, through the summer he studied medicine with Prof. Charles B. Coventry, of Utica. In the autumn, at the age of eighteen, he went to New York city, matriculated at the university and pursued his medical studies under the tuition of Dr. Valentine Mott and Dr. David L. Rogers. He attended the city hosp. for three years, as well as the lectures, and was graduated from the med. dep't of the univ. of N. Y. in 1843, and settled in the city. Dr.

Rogers retiring from the profession about that time, enabled him to retain a portion of his practice. He was appointed one of the physicians to the Eastern dispensary, and also district phys. to the New York lying-in asylum, which positions he held for four years. In the dispensary he had charge of the department of diseases of women. In 1845 he established the *N. Y. Medical and Surgical Reporter*, and after conducting it through the first volume, on account of failing health he sold it to another party, who discontinued the journal before the expiration of the second volume. In 1847 he established an infirmary in New York for the treatment of diseases of females. In 1849, after repeated attacks of hemorrhage from the lungs, and with supposed fatal pulmonary disease, he went to the island of Madeira. A few months before leaving the city, his younger and only brother, Dr. Chalkley Collins, died of cholera. After four months residence on the island of Madeira, accompanied by his wife, and a tour through Spain, France and England, he returned to New York with the intention of resuming his practice in the city. But he soon found his old trouble returning, and that he must seek some other change. As an experiment he determined to try the effect of a clear, cold, mountain atmosphere for the winter. The year he spent abroad had benefited him much, but he needed longer freedom from care. He went to Great Barrington, Berkshire co., Mass., late in the autumn of 1850, enveloped himself in the warmest clothing and kept in the open air as much as possible, at the same time keeping an issue in his arm to protect the lungs. This course seemed to produce just the right effect. He has continued to reside at the same place for twenty-six years, and has apparently overcome all pulmonary tendency. He was an early advocate for the establishment of the Am. med. asso., and was sent as delegate from New York city to Boston at the meeting in 1849. He also advocated the formation of the N. Y. acad. of med., and was among its earliest members in 1847. He was made chairman of the committee on ether by the academy, when the profession were divided in sentiment about its use. The committee consisted of thirteen members, among whom were Drs. Mott, Post, Parker, and other eminent men. Among his published contributions to the literature of the profession are: "Use of Electricity in Amenorrhœa," *London Lancet*, 1844; "Opening Abscess in Lungs," *N. Y. Journal of Medicine*, 1844; an address before the Manhattan med. asso. as its president, *N. Y. Annalist*, 1847, and *Boston Medical and Surgical Journal*, 1847; an address before the Berkshire dis't med. soc., Mass., on "Chronic Diseases of Women," *Boston Medical Journal*, 1853; an address before the Berkshire dis't soc., as its president, in 1861, *Berkshire Medical Journal* (now discontinued). He served two terms as president of this society; is now one of the censors and State councillors. In addition to these professional writings, he prepared, in 1849, a biographical sketch of his brother, Chalkley Collins, M. D., which was published in *Friends' Review*, Philadelphia, same year; "History of the Island of Madeira," published in *Friends' Review*, 1850; and a pamphlet, widely circulated in 1863, claiming exemption from military duty for members of the Society of Friends. Early in the last-mentioned year the Friends were making great efforts to secure exemption from the draft for military service, preparing and presenting petitions to Congress, etc. Dr. Collins happening in Washington, observed that the Friends' committees could not get a proper hearing from Congress or the government, and determined to put forth an effort on their behalf, and subsequently, being in Baltimore, wrote an article on the subject which appeared in the New York *Times*, of March 3d, 1863. This article was republished in pamphlet form by the society, and 300,000 copies were printed and circulated. Its effect was to change the national law and to secure to Friends the exemption which he contended that not only their conscientious scruples, but their great services to the country in the promotion of grand social reforms, rendered a just due. An address delivered by him in 1861, after passing the previous winter in Cuba, was also published. In 1853 he founded an institution at Great Barrington, Mass., for the treatment of chronic diseases of women, which he conducted successfully for sixteen years, but which he was obliged to abandon by reason of failing health. He has now retired from all active practice, and only goes in consultations. He is corres. member of the Mass. board of health; corres. member of the Boston gynæcol. soc.; member of the Am. med. asso. In 1844 he was married to Lydia C., daughter of Charles G. Coffin, of Nantucket. In 1864 his wife and only children, a son and daughter, died. He has not married again, but continues to reside at his private residence, Indiola Place, Great Barrington, Mass.

TRIST, H. BROWSE, Baltimore, Md., was born in Washington, D. C., Feb. 20th, 1832. His father was Hon. N. P. Trist, and his mother, Virginia (Randolph) Trist, a granddaughter of Thomas Jefferson.

He was educated in Europe, and studied medicine at the Jefferson med. coll., Philadelphia, where he graduated M. D., March, 1857, entering the U. S. navy immediately after, subsequently establishing himself in Washington, and finally in Baltimore. He is a member of the Am. med. asso., of the Washington med. soc., and of the pathol. soc. of Baltimore. Among various contributions to medical literature he published an essay on "Spontaneous Reduction of Inverted Uterus," etc. During the war he occupied the position of brig. surg. in the Confederate States army, and in 1874–75 held the position of prof. of anatomy in the Washington med. coll., Baltimore, Md. In 1861 he married the daughter of Dr. W. R. Waring, of Savannah, Ga.

MORTON, THOMAS GEORGE, Philadelphia, was born in that city, Aug. 8th, 1835. He is the son of Dr. Samuel George Morton (ethnologist and author of "Crania Americana Ægyptiaca," etc., etc.), and of Rebecca (Pearsall) Morton. His literary education was obtained at the univ. of Pa., and his medical studies in the med. dep't of the same institution, whence he graduated in the spring of 1856. Commencing practice in Philadelphia, after nearly three years hospital experience he devoted himself to general surgery. In 1864 he ligated the common carotid for orbital aneurism; in 1866 amputated at hip-joint; in 1867 tied subclavian between scaleni, and also the left internal iliac artery—all successfully. In 1866 he introduced the ward carriage into the Pa. hosp., and in 1874 the bed-elevator and carriage for moving patients. He is a member of the acad. of natural sciences; of the coll. of phys. (elected in 1861); of the ophthalmological soc. of Philadelphia, and the Am. ophthalmological soc.; and permanent member of the Am. med. asso. His contributions to medical literature, published in the *American Journal of Medical Sciences*, have been as follows: "Orbital Aneurismal Disease," 1865; "Hip-Joint Amputations," 1866; "Axilary Aneurisms;" "Impure Air in Hospital Wards, with Description of Ward Carriage," 1867; "Orbital Aneurismal Diseases," etc.; "Account of the Mortality which followed, for Forty Years, Amputations in the Pennsylvania Hospital," 1870; "Excisions of Os calcis and Astragalus," etc.; "Case of Complete Osseous Ankylosis of Knee at Right Angle, Cured by Excision," 1871; "Excision of Nerves," 1873; "Transfusion of Blood;" "Description of Bed Elevator," etc., 1874; "Five Years' Amputations," 1875; "Peculiar and Painful Affection of the Foot" (hitherto undescribed); "Ligations of Large Arteries at Pennsylvania Hospital," etc.; "Deaths from Ether," etc., 1876; "System of Forced Ventilation at the Pennsylvania Hospital," etc.; and "An Account of a Worm, the Dracunculus 'Loa,' Removed from the Human Eye," 1877. In the "Pennsylvania Hospital Reports" for 1868–69: "Review of Ligations of Large Arteries;" "Case of Congenital Sacral Tumor, containing an intra-growth of Fœtal Remains;" and "Account of Cases of Stone in the Bladder, Treated by Lithotomy and Lithotripsy." He is also the author of a "Lecture on the Transfusion of Blood, and its Practical Application," Putnam's Sons, New York, 1877. He has held the position of resident phys. at St. Joseph's, Pa., and Wills' hosps.; was surg. of the last from 1859 to 1874, and is now emeritus surg. to the same institution; is surg. to Pa. hosp., elected in 1864; and to orthopedic hosp. since 1867 (of this institution he was the originator); consult. surg. to woman's hosp. since 1870; to Pa. institution for blind, and to the Jewish hosp. since 1873. During the late war he was actively engaged in the organization of various military hospitals, among them that at Twelfth and Buttonwood sts., Philadelphia, of which he was chief; also one of the surgeons of Satterlee hosp. and a consult. surg. of the U. S. army hosp. (Mower), Chestnut Hill, Philadelphia. In 1876 he was appointed one of the commissioners to erect the new State insane asylum for the southern district of Pennsylvania; also chairman of the committee on plans and buildings of the same institution. In Nov., 1861, he married Ann J., daughter of Dr. Thomas S. and Ann J. Kirkbride, of Philadelphia.

OTIS, GEORGE ALEXANDER, surgeon and brevet lieut.-col. U. S. army, was born in Boston, Nov. 12th, 1830. Graduating, with degrees of A. M. and A. B., from Princeton, he entered the med. dep't of the univ. of Pa., receiving his degree of M. D. from that institution in 1850. He subsequently prosecuted his professional studies in London and Paris, eventually returning to this country, and establishing himself at Springfield, Mass., in 1854. In Sept., 1861, he entered the army as surg. of the 27th reg. Mass. vols., and rendered efficient field service during the entire war. In Feb., 1866, he was appointed ass't surg. in the U. S. army. In Sept., 1866, he was made brevet lieut.-col. in the regular service. He is a member of the leading med. socs. of America, and corres. member of various similar organizations in Europe. He has written freely for prominent medical journals, but the bulk of his literary work has

been in the shape of the reports which he has issued under orders from the army med. dep't, viz.: "The Surgical Report of Circular 6, S. G. O., on the Nature and Extent of the Materials Available for a History of the War;" on "Amputation at the Hip-Joint;" on "Excisions of the Head of the Femur;" on "Surgical Cases in the United States Army;" on "A Plan for Transporting Wounded Soldiers by Railway;" on "The Transport of Sick and Wounded by Pack Animals;" also "A Check-List of the Anatomical Section of the Army Medical Museum at Washington," and two vols., constituting vol. 2 of Part I., and vol. 2 of Part II. of "The Medical and Surgical History of the War of the Rebellion." The compilation of this last-named work has placed Surgeon Otis among the most prominent of contributors to surgical history. He was married, Sept. 14th, 1850, to Pauline Clark Baury, daughter of Rev. Dr. Alfred L. Baury, of Boston. Upon her death, July 14th, 1863, Dr. Otis decided to devote himself permanently to army surgery.

FAGET, JEAN CHARLES, SR., New Orleans, La., was born in New Orleans, La., June 26th, 1818. His family, of French extraction, went from St. Domingo to Cuba, after the negro revolution in the former island, and from Cuba came to New Orleans in 1809. He was educated at the College Rolin, Paris, France, in which he was a student from 1830 to 1837, and pursued his medical studies, as *externe* and *interne*, at the hospitals of Paris, from 1837 to 1845, studying under Blandin at the Hotel Dieu, Lisfranc and Gendrin at the Hôpital de la Pitie, and Devergie at the Hôpital St. Louis, and receiving the degree of doctor of medicine from the faculty of Paris, in December, 1844. He first settled in New Orleans, remaining there from March, 1845, to March, 1865, when he went to Paris, where he remained from 1865 to 1867, returning thence in that year to New Orleans, in which he has since resided. After the New Orleans epidemic of 1858 he engaged in an earnest controversy for the establishment of the hæmatemesic-paludal fever, notable as being easily mistaken for the genuine yellow fever, and which he claims the priority in establishing clinically as the hæmatemesic variety of the hemorrhagic malarial fever, so important to differentiate from the yellow fever proper; the controversy above mentioned having been waged, indeed, after the hæmaturic fever had been described by the physicians of the French colonies, but before the hemorrhagic malarial fever was known in our Southern States. He also claims, it should be stated here, the priority in establishing clinically, as the specific character of yellow fever, the law of the regular decrease of the figures of the pulse, there having been in Blair's work (on the last yellow fever epidemic in Guiana), it is true, a table of the figures of the pulse in yellow fever which bears witness in favor of that law, but no recognition of the law itself. Dr. Faget is a member of the société médicale d'observation de Louis; of the société anatomique de Paris; and laureat corres. member of the société médicale de Caen. His medical writings have been voluminous, embracing "Etudes sur les Bases de la Science Médicale," 1856, for which he received a gold medal from the acad. of Caen; "Memoires et Lettres sur la Fièvre Idune et la Fièvre Paludéenne," 1864, on the publication of which he was made chevalier of the legion of honor; "The Type and Specific of Yellow Fever Established with Watch and Thermometer," 1875, after which publication, being a candidate before the med. acad. of Paris, he received twenty-four votes out of fifty-three, Schwan, of Leipsic, receiving twenty-seven, and West, of London, two; a brochure on the "Catarrhal or Mucous Form of the Paludal Fever," published in 1859; and publications, at different times, in the medical journals of Paris and New Orleans, of which the most noteworthy, perhaps, are papers on "Croup and Tracheotomy;" on "Dengue;" on "Hæmatemesic-Paludal Fever," and on "Pulse in Yellow Fever," contributed to the *New Orleans Medical Journal*. In 1864 he was one of the three members of a sanitary commission named by Gen. Banks, then commanding the department of the Gulf, and drew up the report of the commission, which was forwarded to Washington. He was married in 1844 to a daughter of Dr. Ligeret de Chazey, of the faculty of Paris, one of his sons, Charles Faget, Jr., being now chief of clinic under Prof. Bemiss, of the univ. of New Orleans, and demonstrator of anatomy in the same university.

PRAY, THOMAS JEFFERSON WORCESTER, of Dover, N. H., was born in Lebanon, Me., Sept. 2d, 1819. His father was Major Moses Pray, and his mother Lydia (Worcester) Pray, a relative of Noah Worcester, LL. D. He was educated at Bowdoin coll., graduating in the class of 1844; studied medicine at Harvard univ., and, taking the degree of A. M. in 1847 and that of M. D. in 1848, settled in Dover. He is a member of Dover med. asso., of the Strafford district med. soc., and of the N. H. med. soc. and has held the position of president of the two first named. He has written

papers on "Menopause," and on "Nursing Sore Mouth," published in "The New Hampshire Medical Societies' Transactions" in 1857 and 1876; also on the "Medical Properties of Sulphur," a prize essay, *Boston Medical Journal*, 1849; and on two "Cases of Malpractice," reported in *Boston Surgical and Medical Journal*, 1854 and 1856. He has held the position of member of the board of education for Dover for twenty years; was also a member of the N. H. State board of education, as commissioner of common schools for Strafford co., in 1858–59; president of common council of city of Dover, and was a representative to the general court in 1858 and 1859. He has been married twice—first to Sarah E., daughter of John H. Wheeler, Esq., Nov., 1851, and then to Martha A., daughter of Rev. S. S. Mathews, June, 1870.

MAXWELL, GEORGE TROUPE, was born in Bryan co., Ga., Aug. 6th, 1827; his father being Col. John Jackson Maxwell, planter, who repeatedly represented his county in the State senate. His maternal grandfather was Col. John Baker, an officer distinguished in the revolutionary war, and after whom Baker co., Ga., was named. His ancestors, both paternal and maternal, were intimately associated with the early history, colonial and State, of Georgia. His preliminary education was received at Chetham acad., Savannah, from whence he proceeded to the univ. of N. Y., taking his degree of M. D. in the med. dep't of that institution in 1848. He established himself in practice at Tallahassee, where he remained until 1857, when he was appointed surg. to the marine hosp. at Key West. In 1860 he was elected prof. of obstetrics and diseases of women and children, in Oglethorpe med. coll., and upon accepting the position removed to Savannah. In April, 1861, he entered the Confederate army as a private, serving for four months in the 1st Florida reg. At the expiration of his term of service he was commissioned major of cavalry, and in 1862 was raised to colonel. In the fall of 1863 he organized and commanded the Florida brigade, serving under Gen. Bragg in the army of the Tennessee until the battle of Mission Ridge, when he was captured, sent north, and imprisoned on Johnston's island until March, 1865. When captured, he was recommended for promotion to the rank of brig.-gen. and was appointed, while in prison, colonel of a Florida regiment, formed by the consolidation of six skeleton regiments, a position which he was prevented from filling by the termination of the war. In 1865 he was elected a delegate from Leon co. to the convention held under the call of President Johnson, for the purpose of remodelling the constitution, and reorganizing the State government of Florida, taking an active part in the deliberations of that body. The succeeding winter he was elected a member of the State legislature. In 1871 he removed to New Castle, Del., where he has since resided. He is a member of the Del. med. soc., was its vice-president in 1874, and its secretary in 1875–76. He has contributed to various medical journals, his most important papers being "An Exposition of the Liability of the Negro Race to Yellow Fever;" "A Demonstration of the Non-digestive Powers of the large Intestines;" and "A History of his Invention of the Laryngoscope," the latter first read before the Del. med. soc., and subsequently published in the *Medical Record of New York*, fall of 1872. This invention was accomplished in 1869, the instrument being actually used in November of that year, or several months before Czermak had published his invention. While the laryngoscope of Dr. Maxwell has no claim to priority, it has entirely valid claim to originality, and he has the honorable distinction of having seen first, of all American physicians, and with his own instrument, the vocal chords in a living subject.

MINER, JULIUS FRANCIS, Buffalo, N. Y., was born in Peru, Berkshire co., Mass., Feb. 16th, 1823. Educated at the Mountain seminary, in Worthington; the Williston seminary, in East Hampton; the Berkshire med. coll., in Pittsfield, Mass., and at the Albany, N. Y., med. coll., now the med. school of Union univ.—he graduated M. D. from the Albany institution in Jan., 1847, and in the same year commenced practice in New Braintree, Worcester co., Mass., where he remained for five years; subsequently practised for three years in Winchester, N. H., and in 1855 established himself permanently at Buffalo, N. Y. In April, 1869, he made the first operation for ovariotomy by enucleation, and in June following published the method of procedure, pointing out its feasibility and safety. He has also ligated the external iliac for aneurism; successfully amputated at the hip-joint; removed the thyroid gland for goitre, or cystic bronchocele; removed foreign body from left bronchus; removed popliteal aneurism by extirpation; and has performed most of the capital operations, full reports of which are found in the *Buffalo Medical and Surgical Journal*. He is a member of the Erie co. med. soc., president in 1870; hon. member Muskingum co., Ohio, med. soc.; permanent member of the New York med. soc.; perma-

nent member of the Am. med. asso., and in 1876 was a delegate to the International med. congress, at Philadelphia. Since 1861 he has been editor of the *Buffalo Medical and Surgical Journal*, and beside numerous articles published in this periodical has contributed largely to other publications. In 1867 he was appointed prof. of ophthal. and surgical anat. in the Buffalo med. coll., and in 1870 prof. of special and clinical surgery in the same institution; since 1860 has been surgeon to the Buffalo general hosp.; since 1870 surgeon to the hosp. of the sisters of charity; in 1863 received a commission as surgeon to the 74th reg. national guard of N. Y. State. He married, Sept. 8th, 1847, Mary Cordelia, daughter of Richard Colt Cogswell, Esq., of Pittsfield, Mass.

HARTSHORNE, EDWARD, Philadelphia, was born in that city, May 14th, 1818. He is the second son of Dr. Joseph Hartshorne, a well-known hospital surgeon and leading practitioner of Philadelphia for nearly fifty years. He graduated A. B. at Princeton in 1837; received his degree of A. M. 1840; pursued his medical studies in the univ. of Pa. under the direction of his father, having commenced the study at Princeton in the office of Dr. S. T. Howell, then prof. of anat. and phys. in Princeton coll., and obtained his degree of M. D. from the university in the last-named year. Under the guidance of Dr. W. W. Gerhard he spent almost a year in dispensary practice, and in Dec., 1841, after a brief service as resident pro tem. in the Pa. hosp., was elected first ass't phys. to the Pa. hosp. for the insane, which was then just opened for occupation in West Philadelphia, and of which Dr. Kirkbride was at the same time elected superintendent. During this service he superintended and conducted the transfer of the patients from their old quarters to the new, and had the immediate charge of the entire reorganization under Dr. Kirkbride. In April, 1841, he was elected res. phys. of the old Pa. hosp., but still continued at intervals to aid Dr. Kirkbride, and also for a short time served as substitute to Dr. Pliny Earle, superintendent of Friends' asylum for the insane, near Frankford. In March, 1843, he was elected physician to the eastern State penitentiary, being the first medical officer resident in that institution. In June, 1844, he went to Europe and passed two years in study, visiting hospitals, lunatic asylums and penal institutions as well as medical schools, both of Great Britain and the continent. On his return he entered into the practice of his profession, both in connection with and independently of his father. He was elected one of the attending surgeons of Wills' hosp. for diseases of the eye in 1852, and resigned in 1859, when he was elected one of the attending surgeons to the Pa. hosp., which position he resigned in 1864. During his student life he was elected junior secretary of the Philadelphia med. soc., and after graduation was elected senior recording secretary of the same society; in 1848 he was secretary of the first prison discipline convention, held in Philadelphia, and subsequently held a similar position at the first sanitary convention held in the same city; for several years was secretary of the coll. of phys.; one of the censors of the college; secretary of the building committee, and chairman of the hall committee; has been for many years an active manager of the Episcopal hosp., in Philadelphia, and secretary of its building committee and committee of arrangements; was one of the organizers, and during the whole of its existence was secretary, of the executive committee of the Philadelphia branch of the U. S. sanitary commission; chairman of the committee of arrangements of the Am. med. asso. at the Philadelphia meeting in May, 1872; served as vice-president and president of the pathol. and of the ophthal. socs. of Philadelphia; has been chairman of the executive committee of the med. alumni soc. of the univ. of Pa., and vice-president of that society, also alumni manager of the univ. hosp., etc., etc. His thesis, presented on graduating, and which was ordered to be published by the faculty of the university, was a "Monograph on Pseudarthrosis; or, False Joints from Ununited Fractures." Other publications from his pen are numerous reports of cases, reviews and other contributions in the *Medical Examiner;* investigations on the "Separate System" for criminals, as embodied in the "Annual Report of 1843" of the eastern State penitentiary; also a partial report for 1844, published by the inspectors in 1844 and 1845; the first of these reports, having reached a second edition at home, attracted considerable attention in England, and was translated and published in France, Germany, Belgium and Holland; editorial articles in the *Philadelphia Journal of Prison Discipline;* reviews and bibliographical notices and original papers in the *American Journal of the Medical Sciences*, the *Philadelphia Medical Examiner*, and the *Medico-Chirurgical Review;* author of several of the annual reports of the Episcopal hosp., and editor and annotator of various English medical text-books, among them "Taylor's Medical Jurisprudence," of which work he superintended two editions, his annotations being approved by the author

and quoted in the later English editions. During the war he was actively engaged as acting ass't surg. U. S. army, serving to some extent in the field, and during most of the time as consulting surgeon in army hospitals in Philadelphia. He was also medical examiner and adviser for a long period to one of the leading life insurance companies of Philadelphia, as well as to others for shorter periods, being probably the oldest in that department of his profession in Philadelphia; and for some time was one of the vice-presidents of the Princeton alumni asso. of Philadelphia. He was a member of the Am. philosoph. soc.; of the acad. of nat. sciences, and of the hist. soc. of Pa., as well as of other kindred associations, medical and general. He married, Dec. 26th, 1850, Adelia C. (Pearse), daughter of John B. Swett, of Philadelphia.

SCHULTZ, S. S., Danville, Pa., was born in Berks co., Pa., July 5th, 1831, being the descendant of a Prussian family resident in this country since 1732. Receiving a thorough preparatory education, he entered Princeton coll., graduating therefrom A. B. in 1852; A. M. in 1855. In 1856 he received his degree of M. D. from the univ. of Pa., and during the year following his graduation was in practice in Allentown. In 1857 he was appointed ass't phys. to the State lunatic asylum, at Harrisburg, a position that he retained until 1862. During his connection with the hospital he made a professional visit to Europe, remaining abroad for ten months. Entering the army as acting ass't surg. in 1862, he was subsequently promoted to be ass't surg. and surgeon of Pa. vols., and ass't surg. and surgeon U. S. vols., and was in constant service in hospitals and in the field until the end of the war. He was attached, successively, to the 75th and 23d Pa. regs., and as surgeon-in-charge and executive officer, successively, to general hospitals at Harrisburg, Covington, Ky., Madison, Ind., and Columbus, O., being also, at the latter place, superintendent of hospitals. In 1865 he resigned his commission and established himself in practice in Harrisburg, Pa. He assisted in founding the Dauphin co. med. soc., serving as its first treasurer; has been recording secretary of the State soc., and has been a delegate from Pennsylvania to the N. Y. State med. soc. In Aug., 1868, he removed to Danville, having been appointed superintendent of the State hosp. for the insane at that place; being also charged with the supervision of the erection of the building to be used by that institution. In 1872 the hospital was opened for the accommodation of patients, and is still conducted under his direction. He is a member of the Montour co. med. soc. His only published works are the annual reports of the hospital. He was married, Sept. 27th, 1872, to Hannah L., daughter of Dr. Wm. H. Magill, of Danville, Pa.

NEWMAN, WILLIAM HENRY, Denver, Col., was born, Feb. 24th, 1829, in Spencer co., Ky., his parents being natives of that State. Receiving an academic education at St. Joseph's coll., Bardstown, Ky., he subsequently entered the Jefferson med. coll., Philadelphia, and graduated in March, 1855. Locating in Bardstown, Ky., he there practised until 1863; then at Louisville until 1872, when, seeking relief from asthma, he removed to Denver, Col. While residing in Bardstown he was physician to St. Joseph's coll. and the Nazareth female acad. Entering the U. S. army in 1862 he served as surgeon of the 3d and 10th divisions, army of the Cumberland, and in charge of hospitals at Bardstown, Ky., until the close of 1863. In 1864 he was elected prof. of obstetrics in the univ. of Louisville, but immediately resigned. In the fall of 1865 he delivered a series of nine lectures on the surgical diseases of women, which is believed to be the first course ever given upon this subject. In 1870, in performing ovariotomy, he demonstrated, probably for the first time, the efficacy of carbolic acid as a local anæsthetic. For three sessions, 1869–70, he gave clinical lectures on the diseases of women at the Louisville city hosp. He is a member of the obstetrical soc. (of which he was president 1869–70), and coll. of phys. and surg. of Louisville; corres. member of the gynæcological soc. of Boston, Mass., and vice-president of the Colorado Territorial soc. Among his contributions to the literature of his profession are papers on "Amputation of the Cervix Uteri;" "On Chronic Inflammation Cervix Uteri;" "Rupture of Cervix Uteri Occurring at Time of Parturition;" "Inversion of Uterus;" "On Ovariotomy without Anæsthesia;" "Colorado as a Health Resort," etc. He was married, June 8th, 1858, to Maria, daughter of Hon. James Slaughter, of Bardstown, Ky.

FISH, MELANCTHON W., Oakland, Cal., son of Reuben Fish and Fanny Fish, was born in Kortright, Delaware co., N. Y., March 20th, 1828. He was educated in the Wesleyan seminary, Albion, Mich., and studied medicine in the Rush med. coll., whence he graduated in 1854. He resided in Shanghai, China, till 1861, and then returned to this country and entered the U. S.

army, where he was until 1870. He went to live in Oakland. He is a member of the Alameda co. med. asso.; Cal. State med. soc., president in 1876. During the war he was surgeon in the 11th Mo. infantry vols. from 1862 to 1865; detailed acting ass't med. inspector 16th army corps, and in charge of U. S. army gen. hosp., at Jefferson barracks, Mo., and served also with regiments in the field. He holds the position of prof. of physiology in the med. dep't of the univ. of California.

SIMS, J. MARION, New York, was born, Jan. 25th, 1813, in Lancaster district, S. C. He graduated at South Carolina coll. in 1832, and studied medicine at Charleston and at Jefferson med. coll., Philadelphia, from which he graduated in 1835, commencing practice a year later at Montgomery, Ala., whence he removed in 1853 to the city of New York, where he has since continued, excepting the intervals of his sojourn in Europe. His specialty is surgery and gynæcology, of which latter he has been called the father. In 1845 he announced a new hypothesis in explanation of *trismus nascentium*, published in the *American Journal of Medical Sciences*, 1846 and 1848; and in the same year conceived the idea of curing, what was then considered incurable, the vesico-vaginal fistula, establishing for the purpose a private hospital at Montgomery, and supporting it wholly at his own expense, a self-devotion which, after four years of fruitless experiment, resulted in complete success in 1849. As auxiliary to his efforts in this field of investigation, he invented many new instruments, including a speculum that bears his name. The peculiarity of his operation for vesico-vaginal fistula consists in the use of silver wire sutures, which remain saculated in the living tissues, instead of silken sutures. He has since extended the use of metallic sutures to every department of surgery where sutures are needed. In 1851, on his sick-bed, on his dying-bed, indeed, as he believed, he prepared his paper on the treatment of vesico-vaginal fistula, published in the *American Journal of Medical Sciences* for Jan., 1852. His health was not yet restored when he removed in 1853 to the city of New York, where he presently set on foot, with the countenance and support of some of the leading members of the profession, a movement for the establishment of a woman's hosp., which, thanks to his energy and persistence, and still more to his surgical achievements, attained a partial success in 1855, with the opening of a temporary hospital, under the auspices of thirty-five of the first ladies of the city, composing the woman's hosp. asso., and supported by an appropriation of $2,500 from the common council, and which reached the threshold of complete success a few years later, when the legislature granted a special charter for the hospital, and the common council gave an entire block of ground, now valued at over half a million of dollars, for its site, and an appropriation of $10,000 besides; whereupon, not satisfied with the architectural design adopted by the board of governors, he went abroad in 1861 expressly to study hospital architecture, and, having convinced himself that the pavilion system is the correct one, returned in 1862, and procured the adoption of a design according to that system, which was at once acted upon, one of the pavilions having been ready for the reception of patients in 1866, the other being just finished. The woman's hosp. of the State of N. Y. is not merely a monument of his personal energy and professional zeal, but of his professional genius, since it was his achievements in surgery that reclaimed for treatment the particular class of diseases to which the institution is devoted. While in Europe he operated, by invitation, in many of the great hospitals of Dublin, London, Paris and Brussels, with unfailing success and the most generous recognition. In Paris he operated, in the presence of large classes, for Velpeau, at la Charité; for Huguiér, at Hôpital Beaujon; Verneuil, at St. Louis; Demarquay, at Maison du Bois; Logier, at Hotel Dieu; Richard, at Cochin; Gopelin, at St. Antoine; Nélaton, at Hôpital des Cliniques, and for others in private practice. For this work the French government, upon the recommendation of Baron Larrey, Nélaton, Sir Joseph Olliffe, Dr. Johnston, and Mr. Dayton, then minister to France from the United States, conferred on him the order of knight of the legion of honor. While in Paris, he was invited by Prof. Déronbaix, surgeon to the king of Belgium, to go to Brussels and demonstrate his peculiar operations there, which he did, spending a whole day in the St. John's hosp., and performing several operations, for which he was elected corres. fellow of the imperial acad. of med. of Brussels, and was offered by the Belgian government the order of Leopold the First, but the American minister at the Belgian court (Mr. Sandford) objected to his receiving it on the ground that he was a Southerner, the civil war being then at its height. In July, 1862, he again went to Europe, intending to leave his family there for educational purposes and return to New York the following November, but his reputation soon drew him into so wide a practice that he decided to remain longer, and in fact did not return until 1868, when

he took up his residence permanently in New York, though his family remained in Paris to complete the education of his younger children. He has been decorated by the Spanish and Portuguese governments, and twice by the Italian, Prof. Botta, of New York, aiding the American minister, his excellency the Hon. George P. Marsh, in pressing his claims to this honor upon the latter government. He is, besides, an hon. member of learned societies in London, Edinburgh, Brussels, Berlin, Christiana, and other foreign capitals, and of the State med. socs. of N. Y., Conn., Va., S. C., Ala., and other States; and is a member of the Am. med. asso., of which he was elected president in 1875, and before which he delivered the centennial annual address in 1876. His literary contributions to medicine embrace, in addition to the address just mentioned, papers on "Trismus Nascentium;" "Silver Sutures in Surgery;" "Clinical Notes on Uterine Surgery;" "Intra-Uterine Fibroid Tumors," and the "Microscope in the Sterile Condition," a "Treatise on Ovariotomy," and a "History of the Discovery of Anæsthesia." His military record is not the less interesting because it was abroad. Being in Paris on a visit to his family when the Franco-Prussian war began, he was requested, on behalf of the "American colony" in Paris, to take command, as surgeon-in-chief, of an ambulance corps organized by the "colony," a request with which he at first declined to comply, on account of his age and professional obligations to return home at an early day, but, adopting the suggestion of his wife that it was a fitting occasion to repay in some sort the obligations they all felt for the generous hospitality they had received from the French people and government, he accepted the appointment; although the corps, when ready for work, fell to pieces from dissensions as to its field of work, he and his staff resigning, and forthwith organizing themselves into the "Anglo-American ambulance corps," composed of eight Americans and eight Englishmen, with him as surgeon-in-chief. This was on the 27th of Aug., 1870. He went immediately to the head-quarters of the société de sécours aux blessés and offered his corps to Dr. Chénu, the superintendent, who promptly accepted it, furnishing it with everything necessary for a complete outfit, and on the next day he and his comrades left Paris, passing through Belgium to Mézieres, where he heard that a battle had been fought the day before in the neighborhood of Sedan, to which, consequently, he pushed on, arriving just as the great battle began, August 31st, the military train on which he entered the city receiving almost the first fire of the Prussians, and the bridge over which it passed being blown up an hour afterwards. His ambulance, the first to reach Sedan, was assigned by the mayor to the Cazerne d'Asfeldt, containing nearly 400 beds, and in the course of an hour the wounded from the battle-field began to come in, keeping the corps busy for many days, about 1,600 Frenchmen and 1,000 Germans having been treated by it. During his stay at Sedan he formed a part of the escort which attended Marshal McMahon from the battle-field to his head-quarters in the city on the occasion of his having been wounded by the fragment of a shell, the attention rendered so pleasing the marshal that he presented him with a thousand francs to purchase delicacies for the sick and wounded in his ambulance. He remained at Sedan about a month, when, the work at that place being finished, he, with his first and second assistants, Dr. Wm. McCormac and Dr. Frank, resigned and returned to their respective homes, his son in-law, Dr. Thos. T. Pratt, of Alabama, now of Paris, succeeding him as surgeon-in-chief, and going with the ambulance to Tours and Orleans. The military service which he thus concluded he performed when fifty-seven years of age, being the oldest man who left Paris in charge of an ambulance. A record of the work done by the Anglo-American ambulance was carefully prepared by his first assistant, Prof. Wm. McCormac, surgeon to St. Thomas' hosp., London, and published in London in 1870, having since been translated into several languages. From the opening of the woman's hosp. in 1855 to the beginning of his prolonged sojourn abroad he was surgeon-in-chief to the institution, having as his consulting board at the outset Drs. Mott, Stevens, Francis, Delafield and Green, all of whom now rest in honored graves. Of that galaxy he alone survives. He was married, Dec. 21st, 1836, to Eliza Theresa, daughter of Dr. Bartlett Jones, of Lancaster, S. C., and has had nine children, of whom all but two are living.

ALLEN, NATHAN, Lowell, Mass., was born at Princeton, Mass., April 25th, 1813. His parents, Moses Allen and Mehitable Oliver, were both born in Barre, Mass., the great ancestor of this family of Allens having been Walter Allen, one of the original proprietors of Old Newbury in 1648, and who died at Charlestown, Mass., in 1673. He graduated at Amherst coll. in 1836; received the degree of M. D. from the Pa. med. coll. in 1841, and the honorary degree of M. D. from the Castleton (Vt.) med. coll. in 1847, and in 1873 received from his *Alma Mater* the degree of LL.D. He settled at Lowell in

1841, where he has resided ever since, being still in active practice. He has been a member of the Mass. med. soc. since 1842. His medical writings, many of which have attracted especial attention in Europe, are voluminous, making over 1,000 octavo pages, and cover a wide range of subjects, the more important of his productions being "Physical Culture in Amherst College;" "Physical Degeneracy;" "Intermarriage of Relatives;" "Physiological Laws of Human Increase;" "Normal Standard of Woman for Propagation;" "Law of Longevity;" "The Law of Population;" "Hereditary Influences in the Improvement of Stock;" "Medical Problems of the Day;" "Report on Lunacy to the Massachusetts Legislature;" and "Changes in New England Population;" the last mentioned discussing a subject into which his researches have been particularly thorough and striking, presenting new views of the increase and decrease of a race or people, based upon certain changes in their organization. He has been a member of the board of State charities since its organization fourteen years ago; an examining surgeon for pensions since 1862; and since 1858 a trustee of Amherst coll.; and in 1874 was the State commissioner of lunacy. He was married, Sept. 15th, 1841, to Sarah H. Spaulding, daughter of Dr. Thaddeus Spaulding, of Wakefield, Mass., who died in April, 1856, without issue; and in 1858 to Annie W. Waters, daughter of Capt. William C. Waters, of Salem, Mass., by whom he has four children.

EVANS, HORACE Y., Philadelphia, was born at Nantmeal, Chester co., Pa., in 1834, his family being originally of Welsh extraction. Receiving his primary education at the Westchester acad., he entered Princeton coll., graduating thence A. M. in 1855. He subsequently attended lectures in the med. dep't of the univ. of Pa., receiving his degree of M. D. in 1858. Upon graduating in medicine, he twice visited Europe, and on his return established himself in general practice in Philadelphia, where he remained until 1861. In that year he entered the U. S. service as a private in the 1st troop, Phil. city cavalry; a few months later was taken from the ranks and commissioned ass't surg. U. S. vols., and in this latter capacity served through the war. In 1865 he returned to Philadelphia, resumed and has since continued his practice. He is a member of the Philadelphia co. med. soc., and fellow of the coll. of phys., holding in the former organization the positions of censor and ass't sec. During the past twelve years he has been serving as surg. to the Philadelphia & Reading Railroad company, and has served as physician to the Episcopal hosp., and to the Foster, Northern and Girls' industrial homes. He is at present physician to the Charity hosp., and is a member of the board of managers of the univ. of Pa. He has contributed occasional papers to medical periodicals, the most important being a report of cases of epilepsy treated with bromide of potassium (*American Journal of Medical Sciences*, Jan., 1867.) He was married in 1863.

WELCH, WILLIAM BLACKWELL, Boonsboro', Ark., of Irish-English descent, was born in Allen co., Ky., Dec. 9th, 1828. Having received an academic education, he studied medicine for three years in the office of his brother, Dr. H. M. Welch, Somerville, Ala., and in 1849 was examined, passed and licensed as a physician by the State board of medical examiners. In 1859, after a due course of study, he received his degree of M. D., from the univ. of Nashville, Tenn. In 1855 he removed from Somerville to Boonsboro'. While engaged in a general practice, he has given especial attention to surgery, and has performed most of the capital operations. He is a member of the Washington co. med. soc., president in 1873 and in 1875; of the Arkansas State med. soc., president from Oct., 1875, to May, 1877, and of the Am. med. asso. He was one of the first, as well as one of the most active in the movement for State medical organization in Arkansas. In June, 1862, he was appointed a surgeon in the Confederate States army; was promoted to be chief surgeon of division, July 11th, 1864, and served with credit until the close of the war. He married, Oct. 22d, 1852, Laura, daughter of Col. M. W. McClellan, of Morgan co., Ala.

MOORE, JOHN S., St. Louis, Mo., son of Thomas Moore, was born near Chapel Hill, N. C., Oct. 5th, 1870. Having graduated A. B., in 1826 (A. M. in 1833) from Cumberland coll., Ky., he read medicine under, successively, Dr. G. B. Taylor, of Mansfield, Ky., and Prof. S. W. McDowell, Cincinnati; attended lectures in Cincinnati med. coll., under Profs. Drake, Gross, McDowell, Jamison, Reeves, Rogers and Harrison, and in 1836 received from that institution his degree of M. D. During the ten years following, he was engaged in practice in Mt. Vernon, Ill., and Pulaski, Tenn., and in 1840 was appointed prof. of obstetrics in Kemper med. coll., then just founded, St. Louis. This was the first medical college established west of the Mississippi river; seven years after its foundation it be-

came the med. dep't of the univ. of Missouri, and some ten years later was reorganized under its present charter as the Missouri med. coll. In 1841, at the close of the first course of lectures, he was transferred to the chair of the prin. and prac. of med., and has since continuously held that professorship. During a very considerable portion of the thirty-six years that he has been connected with the college, he has been dean and treasurer of the faculty, and president of the board of trustees. He is a member of the Am. med. asso., vice-president in 1869; of the St. Louis med. soc.; of the St. Louis med. and chirurg. soc., and in 1871 was elected an honorary member of the California State med. asso. He married, in 1827, Susan A., daughter of Prof. D. L. Morrison, of Cumberland college.

EVE, JOSEPH ADAMS, Augusta, Ga., of English descent, was born in Charleston co., S. C., Aug. 1st, 1805. Graduating M. D. from the med. coll. of South Carolina in 1828, he established himself in the same year in Augusta, and has, during the past forty-nine years, been actively engaged in practice, making, during a considerable portion of this period, a specialty of obstetrics and diseases of women and children. In 1832 he was one of the founders of the med. coll. of Georgia, now the med. dep't of the univ. of Georgia—being then appointed to the chair of materia medica and therapeutics. This position he continued to hold until 1839, when he was elected prof. of obstetrics and diseases of women and infants, which position he has held to the present time. At the meeting of the Am. gynæcol. soc. in N. Y., he was said to be the oldest teacher of obstet. in the United States. He is a member of the Augusta med. and lit. soc.; of the Ga. State med. asso.; of the Am. med. asso.; is an hon. fellow of the Am. gynæcol. soc., and was a delegate to the International med. congress at Philadelphia in 1876. He is the author of a number of papers upon materia medica and gynæcology, published from time to time in the *Southern Medical and Surgical Journal*. He married, April 1st, 1838, Sarah G., daughter of Sterling Combs, Esq., of Jackson co., Ga.

CLARKE, COURTNEY JAMES, Selma, Ala., son of John Clarke, some time high sheriff of Laurens district, S. C., was born in Laurens district, Oct. 27th, 1816. Having received a common school education, he attended lectures in the winter of 1836–37 at the Ga. med. coll., and upon completing this course was examined by the Alabama State medical board and licensed as a physician. In the winter of 1841–42 he attended a second course of lectures at the Louisville med. coll., and from that institution received his degree of M. D. During the winter of 1843–44 he attended lectures at the Jefferson med. coll., receiving the degree of M. D. from that college also. Saving these interruptions, and the period of the Mexican war, he practised at Jacksonville, Ala., from 1837 to 1861; since 1865 he has been established at Selma. He is a member of the Selma med. soc. Of his professional publications may be mentioned papers upon "Typhoid Fever in Alabama," published in the *New Orleans Medical Journal*, from 1846 to 1850. In 1846 he was appointed an ass't surg. in the U. S. volunteer army, and attached to the 1st Ala. reg.; was promoted to be surgeon in 1847, and assigned to the South Carolina "Palmetto" regiment, and in this latter position, taking part in all the battles in the valley of Mexico, served until the end of the war. For his services he received a gold medal from the State of South Carolina. In June, 1861, he was commissioned a surg. in the Confederate States army; at the special request of the Gov. of Ala. was placed in charge of the Ala. State hosps., three in number, at Richmond; in 1863 was ordered to Montgomery, and there remained engaged in hospital duty until the end of the war. He married, Feb. 16th, 1853, Nancy W., daughter of Thomas J. Davis, Esq., of Natchitoches Parish, La.

EVANS, THOMAS BENJAMIN, Baltimore, Md., son of Rev. David Evans, of the Methodist Episcopal church, was born in Baltimore, Nov. 5th, 1832. His literary education was obtained in the Baltimore acad., where he graduated in June, 1849, and he pursued his medical studies in Washington med. univ. in Baltimore, whence he graduated M. D. in March, 1853. For a year after his graduation he was assistant of Prof. John C. S. Monkur, with whom he had studied during his novitiate. Previous to his graduating he had conducted a drug store, but on commencing practice he gave this up. He is a member of the Maryland acad. of science; of the medical and chirurgical faculty of Maryland; was the chairman of its literary board in 1872 and 1873, member of its executive committee in 1875; of the board of examiners for Western shore in 1877; and delegate from it to the Am. med. asso., in 1874; of the Baltimore med. asso.—its delegate to the Am. med. asso. in 1876; of the Baltimore med. and surg. soc.—was its president in 1873, and its delegate to the Am. med. asso. in 1872. He has contributed

various papers to the medical journals, among them being, "On the Relations between Physician and Druggist;" "Therapeutics" "Relationship between Scarlatina and Diphtheria;" in *Medical and Surgical Reporter*, respectively for May, 1872, and May and Nov., 1875; "On Hay Fever," *Virginia Medical Monthly*, for June, 1877, etc., etc. He has for many years held the position of vaccine physician for the city of Baltimore; during the war was surgeon of Baltimore city guards, which formed the nucleus of one of the Maryland regiments, with the rank of major; was volunteer physician after the second battle of Bull Run, and one of the fourteen citizens of Baltimore who voted for Lincoln in 1860. In Oct., 1861, he married Maggie J., daughter of John Myers, Esq., of Frederick City, Maryland.

LESTER, THOMAS BRYAN, Kansas City, Mo., son of Bryan W. Lester, was born in Charlotte co., Va., July 24th, 1824. Having studied at Shurtliff coll., Alton, Ill., he read medicine under Dr. M. W. Hall, of Salem, Ill.; attended his first course of lectures in 1845–46, and his second course in 1849–50, in the med. dep't of the univ. of Mo., and in the latter year received from that institution his degree of M. D. From 1850 to 1854 he practised in Salem, Ill., and since 1854 has been established in Kansas City, being now the oldest practitioner there resident. He is a member of the Kansas City med. soc., president in 1860 and 1876; of the Kansas City dis't med. soc.; of the Mo. State med. soc., president in 1870, delegate thence to the conventions of the Am. med. asso. in 1872–73, and honorary member of the Kansas State med. soc., and of the dis't med. soc. of N. W. Mo. Since 1870 he has been prof. of the prin. and prac. of med. in the Kansas City coll. of phys. and surg., and in March, 1877, was elected president of the faculty of that institution. Of his professional publications may be mentioned — "Points of Analogy between Typhoid Fever and the Exanthematæ: an Argument in Favor of its *Specific* Nature," *Kansas City Medical and Surgical Review*, July No., 1860; "Malarial Poison and the Variety of its Manifestations," *Kansas City Medical Journal*, Aug. and Oct. Nos., 1871; "Remarks on the Pathology and Treatment of Intestinal Colic," *Kansas City Medical Journal*, Dec. No., 1872; "Chronic Pulmonary Consolidations of Inflammatory Origin, and their Terminations," read before Kansas City dis't med. soc., Jan., 1875. In 1847 he entered the U. S. volunteer service as a private in the 1st Ill. infantry; was appointed at Fort Leavenworth (the medical staff assigned to the regiment failing to report for duty) acting ass't surg., which position he filled until the end of the war. In Dec., 1847, he was detailed in charge of the gen. hosp. at Santa Fé, and in the ensuing February was transferred to the hospital at Albuquerque, where he remained until ordered home to be mustered out of the service. He married, June 4th, 1850, Julia E., daughter of John Horner, Esq., of Lebanon, Ill.

MCKEAN, JOHN, Crestline, Ohio, was born in Hook Town, Beaver co., Pa., Feb. 4th, 1810, of American parentage. After pursuing a thorough classical and mathematical education, he entered upon the study of medicine in the office of Dr. Samuel Quigley, of West Union, Ohio, and also attended lectures at Lexington, Ky. Having passed the necessary examination before the medical examining board of the 17th med. dis't of Ohio, organized under the then existing law, he received his necessary papers in Oct., 1831, and leaving his preceptor's office, entered into partnership with Dr. Marshall, of Burgettstown, Pa. About a year after he opened an office, having dissolved partnership, in Calcutta, Ohio. Two years after, in 1834, he removed to Leesville, Crawford co., Ohio, where he continued till 1867, and then went to live in Crestline, where he has since continued to practise. Since 1844 he has held the office of ruling elder in the Presbyterian church, and in 1847 was elected a member of the philosoph. soc. of Wittenburg coll. He was elected mayor of Crestline in 1871. He was united in marriage with Rebecca McClaskey, in Oct., 1835.

HELM, JOHN HAMPTON, Peru, Ind., was born at Elizabethton, Carter co., Tenn., April 23d, 1826. His paternal grandfather served eight years in the revolutionary army, and afterwards settled in Charleston, Va., where his father, Dr. John C. Helm, was born. His maternal grandfather was Maj. John Hampton, of South Carolina, who served under Gen. Jackson. His mother was Amy (Hampton) Helm. He began the study of medicine in the office of Dr. Pliny M. Crume, of Eaton, Ohio, in 1844, and completed his studies with Dr. Charles L. Avery, demons. of anat. in the med. coll. of Ohio. He graduated in March, 1847, at that institution, and commenced practice with his preceptor Dr. Crume, in Eaton. He travelled through Mexico, California, Oregon, Central America and the West Indies, in 1848–49–50, and part of 1851, and on returning again entered into practice with Dr. Crume, with whom he

remained till 1860, when he removed to Peru, and pursued general practice. He is a member of the Am. med. asso., of the Ind. State med. and of the Miami co. med. socs., president of the former in 1876, and of the latter in 1872 and 1873; also of the board of health of the city of Peru—has been its president; also a member of the board of trustees of Ind. coll. of med. and surg. His contributions to medical literature consist of occasional articles to medical journals. He served one year in the Mexican war. For many years he has given much attention to agriculture and stock-raising. In 1851 he married Mary, daughter of Rev. Andrew Henkel, of Germantown, Ohio. She died the following year. In 1855 he married Margaret Ridenour, of Preble co., Ohio.

SARGENT, WINTHROP, Philadelphia, was born in Gloucester, Mass., July 8th, 1822. His father was Winthrop Sargent, and his mother Emily (Haskell) Sargent. He was educated at Dartmouth coll. and pursued his medical studies at the univ. of Pa., where he graduated in 1847. For several years he was located in Montgomery co.; in 1855, however, he removed to Philadelphia, establishing himself in practice there, as a general practitioner, but leaning towards minor surgery. He is a member of the Philadelphia co. med. soc., and was its censor for several years; was elected member of the med. soc. of the State of Pa., and was its secretary and corres. secretary, is fellow of the coll. of phys. of Philadelphia, elected in 1863; member of the Am. med. asso., elected in 1849, and was secretary and president of the Montgomery co. med. soc., being one of the co-originators of that society. He has held the position of school director of the 24th and 27th wards for six years, and for one year, 1862, was surgeon in charge of the government hosp. in Kingsessing. He has been married twice—the first time to Elizabeth, daughter of Samuel Browne, of Philadelphia, and after her death to Anna Combe, daughter of William W. and Jane Caldwell, of Newburyport, Mass.

PARSONS, RALPH LYMAN, New York, was born, July 30th, 1828, at Prattsburgh, Steuben co., N. Y. He received his early education at the Franklin acad. of that town, subsequently continued his studies at Amherst coll., where he graduated in 1853, and pursuing his medical studies in the N. Y. med. coll., graduated M. D., from that institution, March, 1857. Till 1860 he was ass't phys. at the New York city lunatic asylum, and from 1862 to 1865 visiting phys. to De Witt dispensary. He is now med. sup't of the New York city lunatic asylum. He is a member of the New York co. med. and medico-legal socs., formerly vice-president of the latter; of the New York library and journal asso.; the soc. of electrol. and neurol.; and the neurol. soc. He is the author of various medico-legal papers;—on the Mary Harris case, the case of Herman Albert, and in relation to the legal processes and medical forms and requirements which should be made obligatory in the process of sequestrating the insane. During the war he was the surg. at the U. S. gen. hosp. on Bedloe's, 1862. In April, 1864, he married Helen, daughter of Thomas G. Wait, Esq.

GREEN, SAMUEL ABBOTT, Boston, Mass., son of Dr. Joshua Green, was born at Groton, Mass., March 16th, 1830. Educated at the Lawrence acad., Groton, and at Harvard univ., he graduated from the latter institution, A. B. in 1851, and M. D. in 1854. He was in Europe most of the time from 1854 to 1859, when he established himself in Boston, where he has since remained in general practice, save during the late war. He is a member of the Mass. med. soc.; Boston soc. for med. improvement; Mass. hist. soc., of which he was librarian in 1868, and continues (1877) to hold that office, and corresponding member of several other historical societies. During the last six years he has been city phys. of Boston; for more than seven years, from 1865 to 1873, sup't of the Boston dispensary, and is also one of the overseers of Harvard coll. From May, 1861, to Nov., 1864, he served as surg. in the U. S. volunteer army, being chief medical officer on Morris island, S. C., during the siege of Fort Wagner, in 1863, and acting staff surg. at Richmond, for three months after the fall of the city in 1865. For gallant and distinguished services in the field, during the campaign of 1864, he was brevetted lieutenant-colonel of volunteers.

FASSETT, OSCAR FITZALAN, St. Albans, Vt., was born in Enosburg, Vt., Feb. 28th, 1827. His father was Anson Fassett, a descendant of John Fassett, one of the earliest settlers in Bennington, Vt. After receiving an academic education, he studied medicine under Dr. Benjamin R. Palmer, prof. of anatomy in Vt. med. coll., Woodstock, where he graduated, June, 1851, settling not very long after at Berkshire, Vt., and remaining there till 1865. In September of that year he removed to St. Albans. He is a member of the Vt. med. and of the Franklin co. med. socs.; was president of

the former in 1863, and of the latter for 1875 and 1876; secretary of the St. Albans med. asso., during 1875 and 1876; and member of the gynæcol. soc. of Boston. His contributions to medical literature are only occasional articles for medical journals. He has held the position of exam. surg. for U. S. pension dep't since 1863. He married, Oct. 14th, 1859, Fanny L., daughter of Joshua Clapp, Esq., of Montgomery, Vt.

PINKERTON, THOMAS HAMER, Alameda, Cal., was born in Massachusetts, June 20th, 1817. He received his medical education at the med. school in Harvard univ., and graduated from that institution M. D. in 1859, settling first in Boston, then in Virginia City, Nev., in 1861, and afterwards removing to Oakland. He is a member of the Alameda co. med. asso., was its president in 1871; and of the Cal. med. soc., president in 1873. In 1862 and 1863 he was city physician in Virginia City, also the county physician, and in 1864 was surg. to Story co. hosp., Nev. During 1864 and 1865 he was contract U. S. surg. for Nevada.

SEELYE, SAMUEL DIBBLE, Montgomery, Ala., descended from Welsh emigrants to this country in 1665, was born in Bethel, Conn., March 14th, 1829. His professional education was received in the med. dep't of the univ. of N. Y., whence he was graduated in 1855. During the ensuing four years he practised in New York, and since Dec., 1858, has been established in Montgomery. He is a member of the Am. med. asso., elected vice-president in 1875; of the Ala. State med. asso., orator in 1875, counsellor since 1876, and censor since 1877; and of the med. and surg. soc. of Montgomery. Of his professional publications may be mentioned: "Embolism of the Heart and Pulmonary Arteries," and "Cell Life the Source of all Power, both Mental and Physical," both published in pamphlet.

BATTEY, ROBERT, Rome, Ga., was born, Nov. 26th, 1828, in Richmond co., Ga. He is a son of Cephas Battey, a native of Peru, Clinton co., N. Y., and Mary A., daughter of Geo. Magruder, of Richmond co., Ga. His ancestors, who were English, settled at Providence, R. I. He was educated at Augusta, Ga., and at Phillips' acad., Andover, Mass., and studied med. at Booth's laboratory, Philadelphia, the Philadelphia coll. of pharmacy, the univ. of Pa., and Jefferson med. coll., graduating from the Philadelphia coll. of pharmacy, March 17th, 1856, and from Jefferson med. coll., March 7th, 1857. He has resided in Rome, Ga., from Dec., 1847, to the present time, excepting the interval from Nov., 1872, to Oct., 1875, during which he resided temporarily at Atlanta, Ga., as prof. of obstet. in the Atlanta med. coll., and editor of the *Atlanta Medical and Surgical Journal*. He originated and successfully performed, in Aug., 1872, an operation, since known as Battey's operation, for the removal of the ovaries, with a view to effect the change of life in women, and thereby effectually remedy certain otherwise incurable maladies, an operation which has been many times repeated by himself and others. He devised, and used successfully in 1859, an improved apparatus for vesico-vaginal fistula; and in 1872 he discovered that water, introduced by the rectum, may be readily passed in the living body, the patient being etherized, throughout the colon, the small intestines, and stomach, coming out at the mouth, and he has repeatedly so passed it, as others after him have done, the entire practicability of doing it having been demonstrated upon the cadaver, at the Atlanta med. coll., in Dec., 1873, in the presence of the prof. of anatomy, Dr. Johnson, and his class. On the 3d of June, 1869, he performed successfully the operation of perineal section (suggested by Prof. Willard Parker, of New York), for chronic cystitis in a man of sixty-two. In April, 1874, he successfully performed the new operation of vaginal ovariotomy, being the third instance of the operation. In Nov., 1876, he removed from a man of forty-three a fibro-cystic tumor of the carotid region, weighing four and a half pounds, the patient making a good recovery in fourteen days. He devised, in 1858, and has often practised, a new method of treating club-foot, by the use of carved wooden splints and roller bandage. He is a member of the Ga. med. asso., of which he was elected president in April, 1876, and of whose board of censors he has been chairman since April, 1873; the Atlanta acad. of med.; the Am. gynæcol. soc.; and the Am. med. asso., in which he was chosen a member of the judicial council in May, 1875, and secretary of the obstetrical section at the same time, as also in June, 1876. He has contributed numerous essays and reports of cases to the various medical journals of the country. In July, 1861, he was commissioned a surgeon in the Confederate army, serving as surg. of the 19th Ga. vols.; as senior surg. of Hampton's brigade; as senior surg. of Archer's brigade; as surg. in charge of the Fair Ground hosp., No. 2, at Atlanta, Ga.; as surg. in charge of Polk hosp., at Rome, Atlanta, and Vineville, Ga., and at Lauderdale, Miss., and subsequently at

Macon, Ga., until the close of the war. He was prof. of obstet. in the Atlanta med. coll. from 1873 to 1875, and from 1873 to 1876 editor of the *Atlanta Medical and Surgical Journal*. He was married, Dec. 20th, 1849, to Martha B. Smith, at Rome, Ga., who has borne him fourteen children, of whom nine are living.

HANCOCK, ALFRED, Millville, Ohio, of Scotch extraction, was born, Nov. 19th, 1818, in Riley township, Butler co., Ohio. He was educated at the Miami univ., Oxford, Ohio, and graduated from the Ohio med. coll., Cincinnati, Ohio, in March, 1845. He first settled at Mercer, Ohio, and then successively at Stillwell, Ohio, McGonigle's, Ohio, and Millville, Ohio, at which last he now resides. He is a member of the Butler co. med. soc., the Ohio med. soc., and the Am. med. asso. He was married, March 23d, 1845.

BEECH, JOHN HENRY, Coldwater, Mich., was born, Sept. 24th, 1819, at Gaines, Orleans co., N. Y. He is a son of Dr. Jesse Beech, a medical practitioner in eastern New York from 1812 to 1815, and in western New York from 1815 to 1828. He prepared for college at Gaines acad. Owing to family reverses he did not enter college, but proceeded directly to the study of medicine, which he pursued under the direction, successively, of the firm of Drs. Nicholson, Paine, and Starkweather, of Albion, N. Y., completing his office studies with Dr. Hiram E. Pinkney, of Esperance, N. Y. He attended one course of lectures at the Western Reserve med. coll., in Fairfield, N. Y., and graduated at the Albany med. coll. in April, 1841, immediately entering upon the practice at Gaines in partnership with Dr. Martin Mason, an old practitioner at that place, with whom he continued two years, thenceforward pursuing the practice singly there until Oct., 1850, meanwhile attending medical lectures at the Geneva and Albany med. colls., from Sept., 1841, to April, 1842, and spending from Sept., 1846, to April, 1847, at New York and Philadelphia hospitals, and in attendance on a full course of lectures at the Jefferson med. coll. In Oct., 1850, he removed from Gaines to Coldwater, Branch co., Mich., his present residence. He promptly adopted the speculum, stethoscope, exploring-needle, and other modern instruments, then only just beginning to be used by a few adventurous practitioners. Since the war he has confined himself to consultations in medicine, operative surgery and gynæcology. He is a member of the Branch co. (Mich.) med. soc.; the Peninsular med. soc., which he represented in 1854 and 1855 in the Am. med. asso., and of which he was elected president in 1856; the Am. med. asso., of which his membership is permanent, and to which he made in 1855 a report on the "Topography and Epidemics of Michigan;" the Southern Mich. med. soc., which he founded in 1873, and of which he was elected president in July, 1874; the Alumni asso. of Albany med. coll., of which he was elected president in 1874; and the Am. public health asso.; and was formerly a member of the Orleans co. (N. Y.) med. soc., of which he was elected censor in 1842; and was elected, April 12th, 1870, corres. member of the Detroit acad. of med., and, Nov. 7th, 1871, of the gynæcol. soc. of Boston, Mass.; and in 1876 was appointed special correspondent of the Mich. State board of health, in connection with which it may be stated that the law of Michigan prohibiting the tying together of the feet of small animals in transitu for slaughter, was the result of petitions originated and distributed by him. To each of the organizations above named he has contributed practical papers, as also to various medical journals from 1844 to the current year. In April, 1866, he was elected mayor of the city of Coldwater. In the same year he was elected president of the board of trustees of the Coldwater female seminary; and from 1870 to 1875 inclusive he was moderator of the board of education of the city. He was act. ass't surg. in the army of the Tennessee in May and June of 1862; was commissioned surg. of the 24th reg. of Mich. volunteer infantry, Aug. 15th, 1862; appointed, Dec. 12th, 1862, member of the operating board of the 1st div. of the 1st army corps before Fredericksburg, Va.; made, Dec. 21st, 1863, surgeon-in-chief *pro tem.*, of the 1st brig. of the 1st div. of the 1st army corps, confirmed by special order April 12th, 1864, and continued in the discharge of this duty, though the brigade (styled by Gen. McClellan "the iron brigade") was changed in divisions and corps, until Feb. 18th, 1865, when it was broken up, and its veteran regiments sent North to guard different draft rendezvouses. At Gettysburg, Pa., on or about the 4th of July, 1863, he was appointed surgeon in charge of the Express Office hosp., in which position he continued until the 5th of the following Aug., when personal illness compelled him to give it up. His resignation as surg. of the 24th Mich. infantry was accepted April 4th, 1865. He was married, Jan. 20th, 1842, to Eliza C. Crownse, of Guilderland, Albany co., N. Y., who died of encephaloid disease of the uterus, June 5th, 1859; Jan. 5th, 1861,

to Mary J. Penny, of Clarkson, Monroe co., N. Y., who died of consumption, June 24th, 1872; and Aug. 26th, 1874, to Mrs. Sarah E. Skeels, of Coldwater, Mich. He has had no children.

SMITH, JOEL WASHINGTON, Charles City, Iowa, was born at Franklin, Delaware co., N. Y., July 23d, 1824, of parents from New England. His academic course was pursued at the Delaware literary institute at Franklin; attended medical lectures at Berkshire med. institution, Pittsfield, Mass., and in the med. dep't of Yale coll., from which latter he graduated in 1850. Before and after graduating he attended lectures and special courses in New York. In 1851 he went to East Franklin, Delaware co., N. Y., and in 1857 settled finally in Charles City. His specialty is gynæcology and surgery. During his practice he has performed some of the more important surgical operations; among them, for lithotomy, vesico-vaginal fistula, strangulated hernia, laryngotomy, and the removal of fibroid of the uterus by gastrotomy. He is a member of the Upper Cedar Valley med. asso. of northeastern Iowa, and was its president; and vice-president of the State med. soc. of Iowa; a member of the Am. med. asso., and of the Am. asso. for the advancement of science. He was also delegate to the International med. congress, in Philadelphia, in 1876. In the *Chicago Medical Examiner* for July, 1873, there is a paper from his pen on "Position in Labor." "Medical Schools and their Relations to the Profession," is a report in the "Transactions" of the Iowa State med. soc., of 1876. He has also published a variety of hygienic and other articles in the medical and literary press. He has held the position of postmaster, 1861 to 1869; been member of the school board of his town, and was its president; in 1864 volunteered as a surgeon in the war of the rebellion, and since its close has been U. S. exam. surg. for pensions In April, 1850, he married Susan M., daughter of William Wheat, Esq., of Franklin, N. Y., and now has living four sons and one daughter: the eldest, Irving W., a graduate of Jefferson (Philadelphia) med. coll. in 1875, is now associated with him in his profession.

HIGGINS, JAMES MONTGOMERY, Griggsville, Ill., of English and Welsh descent, was born, July 30th, 1808, in Montgomery co., Md. He was educated in Rockville, Md., at the Rockville acad., and graduated from the Columbian med. coll., Washington, D. C., March 11th, 1829. In 1831 he settled at Jacksonville, Ill., whence in 1834 he removed to Griggsville, Ill. He successfully tied the common carotid artery near Jacksonville as early as 1832, the first operation of the kind in the State it is believed. He was made many years ago an honorary member of the Washington med. soc. of the District of Columbia. From 1848 to 1854 he was med. sup't of the Ill. hosp. for the insane. In 1846–47 he represented Pike co. in the Illinois legislature, and in 1862 and 1863 he was surg. of the 114th reg. of Ill. vols. He was married, Jan. 25th, 1831, to Margaret Davis, a niece of the late Dr. Edward Tiffin, first governor of the State of Ohio and U. S. senator.

TALCOTT, ALVAN, Guilford, Conn., son of Alvan Talcott, of Vernon, and a descendant in the seventh generation of John Talcott, one of the first settlers of Hartford, Conn., was born at Vernon, Conn., Aug. 17th, 1804. Educated at Yale college and at the Yale med. school, he was graduated A. B. in 1824, A. M. in 1827, and M. D. in 1831. During the ensuing ten years he practised at Vernon, and since 1841 has been established at Guilford. He is a member of the New Haven co. med. soc., of which in 1870 he was elected president; and has been since 1874 president of the Guilford institute. He married, March 7th, 1831, Olive N., daughter of Abel Chittenden, Esq., of Guilford, and sister of the Hon. S. B. Chittenden, of Brooklyn, N. Y.

LAWRENCE, GEORGE WASHINGTON, Hot Springs, Ark., son of William and Sarah Lawrence, of English descent, was born, July 4th, 1823, at Plymouth, Montgomery co., Pa., being the seventh American generation. He received his academic education at the Concord seminary, Germantown acad., Provest's grammar school in Germantown, and the Susquehanna institute, in Marietta, Lancaster co., Pa., and graduated from the med. dep't of the univ. of Pa. in April, 1846, having previously studied medicine at Baltimore, Md., under Dr. J. H. Miller. He first settled in Baltimore, where he joined his former preceptor, Dr. Miller, in the practice; whence he removed to Nicholas, Sutter co., Cal.; going thence to Catonsville, Baltimore co., Md.; and thence to Hot Springs, Ark. He discovered in July, 1849, the Gallipago banks, west of the Gallipago islands, and, Oct. 14th, of the same year, the Grass Valley quartz mines, near Nevada City, Cal. He has directed his professional attention chiefly to chronic blood and nervous diseases, skin affections, and uterine ills. He is a member of the Hot Springs med. soc.;

the Ark. State med. asso.; the Am. med. asso., by which he was appointed, in 1859 and 1873, a delegate to the British med. asso. and other European socs.; and the Am. asso. for improvement in the arts and sciences; a corres. member of the Tenn. State med. asso., the Cincinnati (Ohio) scientific soc., the Philadelphia coll. of phys., and the coll. of phys. and surg. of Little Rock; and licentiate of the Md. med. and chirurg. faculty. He has published a "Report on the Climatology of Arkansas," Transactions of the Am. med. asso., vol. xxiii, and numerous papers on various medical subjects. He was U. S. centennial commissioner for the State of Arkansas in 1876. In 1843-44-45 he was act. ass't surg. in the U. S. navy; surg. of the barque "Kirkland," from Baltimore to California, in 1849; first ass't surgeon-general of California in 1850, appointed by Gov. McDougal; and Confederate surg. in the civil war, serving as inspector of hosps. in the Central army of Kentucky, under Gen. A. S. Johnston; as med. director of Gen. Hardee's div., after the evacuation of Nashville; as med. director of the 3d corps of the army of the Mississippi, until after the battle of Shiloh, Tenn.; as president of the army med. board, under Gen. Hindman, in 1862; as inspector of mines in 1863, for T. M. dep't; and as chief-surg. of the bureau of conscription in the trans-Mississippi dep't, under Gens. E. Greer and F. T. Nicholls, until the surrender of the Confederate forces, made to Gen. Canby, at Shreveport, La., in June, 1865. Since Oct., 1859, he has been med. examiner and resident phys. of the Hot Springs in Arkansas. He was married, June 6th, 1848, in Baltimore, Md., and Dec. 10th, 1872, at Little Rock, Ark.

DAVIS, JOHN STAIGE, University of Virginia, Va., was born, Oct. 1st, 1824, in Albemarle co., Va. He was educated, academically and professionally, at the univ. of Va., from which he received the degree of M. D., July 4th, 1841. In Dec., 1842, he settled in Jefferson co., W. Va., removing thence in Jan., 1845, to Charlottesville, Va., whence, in Oct., 1849, he removed to the univ. of Va. He is a member of the Va. med. soc. From 1845 to 1849 he was demonstrator of anat. in the univ. of Va., in the med. dep't of which he is now prof. of anat. and mat. med. He was married, June 10th, 1847, to Lucy Landon Blackford, who died, Feb. 18th, 1859; and, Sept. 20th, 1865, to Caroline K. Hill.

WARREN, EDWARD, Newton Lower Falls, Mass., was born in Boston, Dec. 19th, 1804. His father was Dr. John Warren, of Boston, prof. of anat. in Harvard coll., also first president of the Mass. med. soc. His mother was a daughter of Gov. Collins, of Rhode Island. He was educated at Harvard, and pursued his medical education in the med. dep't of the same institution, from which he graduated in 1829. He first settled in Boston, but removed to Newton Lower Falls in 1840, where he joined agricultural pursuits to the practice of medicine. He is a member of the Mass. med. soc., formerly councillor; member of the Boston soc. for med. improvement, and of the soc. of nat. hist. His contributions to medical literature are: "Sketch of the Progress of the Cholera in America in 1832;" "Scrofula, Rheumatism, and Erysipelatous Inflammation," Boston (3 Boylston prizes), Philadelphia, 1840; "Life of Dr. J. C. Warren," 2 vols., 1860; and "Life of Dr. John Warren," Boston, 1873; "Remarks on Stammering," *American Journal of Medical Sciences*, Philadelphia, 1857; "Case of After-pains and Mania Succeeding Labor," "Ergot," *New England Quarterly Journal*, 1842, and other articles in various medical and surgical publications. In 1835 he married Caroline Rebecca, daughter of Rev. Henry Ware, Sr., of Cambridge, New England.

MINOT, FRANCIS, Boston, Mass., was born in that city, April 12th, 1821. He received his education at Harvard univ., graduating M. D. from the med. school of that institution in 1844, and settled in Boston. He was appointed Hersey prof. of theory and prac. of physic in Harvard in 1874, and is one of the physicians to the Mass. general hosp.

WOOD, WILLIAM, East Windsor Hill, Conn., son of the Rev. Luke and Anna (Pease) Wood, was born in Waterbury, Conn., July 7th, 1822. Having passed three years at Clinton acad., he was for two years under the private tutorship of Profs. Marsh and Soverin; subsequently attended lectures at the Berkshire med. coll. and in the med. dep't of the univ. of N. Y., and in 1847 received from the latter institution his degree of M. D. In the year of his graduation he established himself in a general practice in East Windsor Hill, and in this location has been engaged—save during a vacation of four days—for the past thirty years. He has given much time to the study of ornithology, oölogy, and archæology, and has gradually acquired a comprehensive collection in each of these departments of science. He is a member of the Am. med. asso.; Conn. State med. soc.; Hartford co. med. soc.,

president in 1872, and of the Hartford co. north med. soc., secretary and treasurer since its organization in 1857. His published writings have for the most part related to natural history, and have appeared in the *American Naturalist*, and in popular journals. Among his works may be mentioned a series of twenty-one articles published in the *Hartford Times* (in 1861) upon "The Rapacious Birds of New England." Beside his association with professional organizations, he is an hon. member of the lyceum of natural hist. of Williams coll., and a corres. member of the Nutall ornithological club, of Cambridge, Mass. He married, Nov. 9th, 1848, Mary L., daughter of Hon. Erastus Ellsworth, of East Windsor Hill.

METCALF, JOHN GEORGE, Mendon, Mass., was born in Franklin, in that State, Sept. 10th, 1801. His father and grandfather were both physicians, he being of the seventh generation from Michael Metcalf, who came from Norwich, England, and settled in Dedham, Mass., being admitted a freeman of that town in 1637. He was educated at Brown univ. and Harvard coll., graduating from the former in Sept., 1820, and M. D. in the latter in 1826. He settled in Mendon in the last-mentioned year, where he commenced practice. He is a member of the Mass. med. soc., elected 1831, and its vice-president from 1859 to 1862; of the Am. antiquarian soc., 1867; the New England hist. and genealogical soc., and the Am. statistical soc.; the Am. social science asso., etc. He has published "Statistics in Midwifery," and the "Study and Practice of Midwifery," the former in the *American Journal of Medical Sciences*, Oct., 1843; besides papers in the *Boston Medical and Surgical Journal*. He also delivered the annual address before the Mass. med. soc., 1856. He has been twice elected senator to the Massachusetts legislature, was seventeen years town treasurer, and has held the position of militia regimental surg., and exam. surg. for pension office. In 1826 he married Abigail, daughter of Samuel Holbrook, of Wentham.

STORMONT, DAVID W., Topeka, Kan., was born at Princeton, Gibson co., Ind., Sept. 26th, 1820, of Scotch-Irish parentage. He was educated in the univ. of Ind., graduating there A. B. and A M., and obtained his medical education at the univ. of Pa. He settled first at Grand View, Ill., and removed to Topeka in 1862. He is a member of the Am. med. asso.; and secretary of both the Shawnee co. and the Kan. State med. socs., elected to the latter in 1866. In April, 1865, he was appointed receiver of public moneys in the U. S. land office at Topeka, which he held for three years. In 1848 he married Jane C., daughter of Thomas Smith, Esq., of Edgar co., Ill.

PORCHER, FRANCIS PEYRE, Charleston, S. C., was born, Dec. 14th, 1824, at St. John's, Berkeley co., S. C. He is a descendant of a Huguenot family, who came from France in 1696. His early education was obtained at the South Carolina coll., Columbia, from which he graduated A. B., and his medical education at the med. coll. of the State of S. C., graduating from this institution M. D., in 1847, and settling in Charleston. He is prof. of mat. med. and therapeutics, and of clinical med. in med. coll. of State of S. C., corres. member of the acad. of nat. sciences of Philadelphia, and fellow of the coll. of phys. of the same city; author of "Resources of Southern Fields and Forests," and editor for many years of the *Charleston Medical Journal and Review*. He is phys. to the Charleston city hosp.; ex-president of S. C. med. asso., and during the war was surg. in charge of the Confederate hosps. at Norfolk and Petersburg. He married, in 1855, Virginia, daughter of Hon. Benjamin Watkins Leigh and Julia Wickham, of Richmond, Va., and, in second marriage, the daughter of the late Col. I. I. Ward, of Waccamaw, S. C.

SAGER, ABRAM, of Ann Arbor, Mich., was born in Bethlehem, Albany co., N. Y., Dec. 22d, 1810. His father was a farmer of remote German ancestry. He was educated at the Troy polytechnic school, where he remained for two years in the double capacity of pupil and instructor. He followed this by obtaining private medical instruction, his preceptors being Profs. March, of Albany, and Eli Ives, of New Haven. He attended lectures at Yale med. school and at Castleton, Vt., and graduated at the latter place in April, 1835. He settled first at Detroit, removed thence, for a few years, to Jackson, Mich., and finally removed to Ann Arbor, where he has been for thirty years. From 1837 to 1840 he assisted in the geological survey of the State of Mich., having charge of the departments of botany and zoölogy. He is a member of the Am. asso. for the advancement of science; of the acad. of nat. sciences at Philadelphia, and the acad. of science at Chicago; the Am. med. asso.; the N. Y. State med. asso.; the Boston gynæcol. soc.; and of the obstet. soc. of Philadelphia. In 1876 he held the position of president of the Mich. State med. soc. He is the

author of a large variety of papers in the *Peninsular Journal*, the *Michigan University Medical Journal*, and the *Detroit Review of Medicine*, besides papers in the *American Journal of Science*, proceedings of the acad. of nat. sciences at Philadelphia, and the *Peninsular Journal of Medicine*, on zoölogy; and a report on the zoölogy of the State, 1839. From 1842 to 1855 he was prof. of zoöl. and botany in the univ. of Mich., and from 1850 to 1875, prof. of obstet. and dis. of wom. and chil. In 1875 the board of regents introduced chairs of homœopathy in intimate connection with the regular school in the med. dep't, whereupon, believing such association not consistent with honor or fealty to his profession, he tendered his resignation of the deanship of the medical faculty, and withdrew from the institution. He married, in 1838, Sarah E., daughter of Darius Dwight, Esq., of Detroit.

GILBERT, CALEB B., Detroit, Mich., was born near Belleville, Hastings co., Canada, Jan. 27th, 1826, his father being a Canadian, his mother an American. He studied at the univ. of Toronto in 1852–53, at Trinity coll., Toronto, in 1853–54, and at the univ. of N. Y. in 1854–55, graduating in medicine from the latter in March, 1855. After practising two years and a half at Lyons, Ionia co., Mich., and seven years at Windsor, Canada, he removed in 1865 to Detroit, Mich., where he has since resided. He is a member of the Detroit acad. of med., of which he was elected president in 1875; and of the Detroit medical and library asso., of which he was made vice-president in 1876. He fills the chair of mat. med. and therapeutics in the Detroit med. coll. He was married in 1855 to C. M. Fowler, of Clayton, Jefferson co., N. Y.

FORD, JOSEPH DICKSON, Napoleonville, Assumption parish, La., was born in Dublin, Ireland, May 20th, 1820. His preliminary education was received in Liverpool; his professional education began in Montreal, Canada, in the office of Dr. McColloch; was continued in Geneva, N. Y., and from the Geneva med. coll. he received his degree of M. D. in Jan., 1841. In the same year he began practice in Chemung, N. Y.; removed in 1843 to Ridgebury, Orange co., N. Y., and in July, 1844, finally established himself in Assumption parish, La. During the ensuing twelve years he was actively engaged in professional duties, but having become interested in sugar-planting, he relinquished practice in 1856, and entirely devoted himself to the management of his plantation. Since the war, his estate being unproductive, he has resumed his profession. He is now the oldest physician in "Lafourche country," nearly fifty who have come to the region since 1844 having died at their work.

HALSEY, CALVIN COLTON, Montrose, Pa., was born, March 31st, 1823, at Bergen, Genesee co., N. Y., of American parentage. In 1840 he entered Williams coll., Mass., from which he graduated in 1844, subsequently attending lectures at the Jefferson med. coll. and the Castleton med. coll., Vt., receiving the degree of M. D. from the latter institution in June, 1850. During the year 1851 he practised his profession in Niagara co., N. Y.; in 1852 in Montrose; 1852 to 1859 in Nicholson, Wyoming co., Pa., afterward returning to Montrose, where he has since continued. He is a member of the Am. med. asso., med. soc. of Pa., and the Susquehanna co. med. soc., in which he served as president 1869 to 1871, and as secretary 1861 to 1864, 1873 to 1877. He is now filling his fourth term of three years as coroner of Susquehanna co., Pa. He served as exam. surg. in the draft of 1862; as captain of company D, 35th reg. Pa. militia, in 1863; and as pension surg. from 1864 to the present time. He was married, Sept. 27th, 1866, to Mary Etheridge, of Montrose, Pa.

HIBBERD, JAMES FARQUHAR, Richmond, Ind., was born, Nov. 4th, 1816, near New Market, Frederick co., Md., his parents being Joseph and Rachael Hibberd, members of the Society of Friends, whose ancestors came to this country with William Penn. His paternal grandfather removed from Pennsylvania to Maryland in Sept., 1777. After receiving an academic education at Benjamin Hallowell's school, Alexandria, Va., he attended one course of lectures at the med. dep't of Yale coll., and two courses at the coll. of phys. and surg., N. Y., receiving his degree of M. D. from the latter institution in 1849. He commenced the practice of his profession in 1840 at Salem, Ohio; served during the year 1849 as surg. on the steamship "Senator;" 1849 to 1855 in San Francisco and different portions of California; 1856 in Dayton, Ohio, and since that year in Richmond, Ind. He is a member of the Am. med. asso. (serving as its first vice-president in 1865); State med. soc. of Ind. (president in 1862); Union dis't med. soc. (president in 1873); Richmond scientific asso. (president in 1874). Among his contributions to medical literature the most important are: "Observations on Milk Sickness," *Western Lancet*, Feb., 1845;

"General Blood-letting in the Treatment of Inflammation," *Cincinnati Lancet and Observer*, April, 1860; "Review of Transactions of the State Medical Society of Indiana," same journal, Oct., 1859; "Inflammation as seen in the Light of Cellular Pathology," same journal, Jan., 1863; "The Liver," State med. soc. of Ind., 1865; "Bile," State med. soc. of Ind., 1867; and the prize dissertation to the Mass. med. soc., 1868, on "The Part taken by Nature and Time in the Cure of Disease." For several years he was president of the Richmond, Ind., board of health. After the battle of Stone River, in Jan., 1863, he was in charge of a corps of surgeons and nurses at Murfreesborough. In 1860–61 he was prof. of phys. and general pathol. in the med. coll. of Ohio, at Cincinnati. He was married, March 30th, 1842, to Nancy D. Higgins, who died in 1846; on May 6th, 1856, to Catherine Leeds, who died in 1868; on April 20th, 1871, to Elizabeth M. Laws.

CORNETT, WILLIAM T. S., Madison, Jefferson co., Ind., was born at Carrolton, Ky. (then called Port William), July 11th, 1805, of English ancestry. He was educated at the Transylvania univ., Lexington, Ky., and studied medicine in the same institution. In 1823 and 1824 he removed to Indiana, where he was examined and licensed to practise under the then existing laws of the State. In 1852 he received the degree of Doctor of Medicine from the univ. of Louisville, and also a similar degree from the Central med. coll. of Ind., at Indianapolis. He located himself temporarily in Dearborn co., Ind., in 1824, and in 1825 removed to Versailles, Ripley co., Ind., where he practised for forty years. In 1867 he removed to Madison, and retired from professional life. He is a member of the Ind. State med. soc., was its first president. Also is a member of the medico-chirurg. soc. of Jefferson co., at Madison, was elected its first president; and in 1859 was delegate from the State soc. to the national med. asso. His contributions to medical science are on a variety of subjects and extend over a number of years. Among others may be mentioned an essay on "Digitalis as a Remedy for Amenorrhœa;" on the "Cholera at Versailles in 1833;" "Address on the Rise, Progress, Present Condition and Future of the Medical Science," read before the Ind. State med. soc., 1851, published in its Transactions; "Observations;" "A Passive Uterine Hemorrhage," *Cincinnati Lancet*, Jan., 1859; "New Suture," *ibid.*, Aug., 1861; "Sick Stomach and Vomiting in Pregnancy," *Western Journal of Medicine*, July, 1869; "A Case of Gangrene of Foot, etc.," State society's Transactions, 1853; "Medical Reminiscences," *ibid.*, 1874; "Geology of the Madison Hills," *Indianapolis Journal*, July, 1874. He held the position of State senator from Ripley co. in the Indiana legislature for six years from 1841, and while there was upon important committees, and among others was chairman of the committee on education. He was, besides, the introducer of the measure which secured the appropriation of funds for the erection of the State hosp. for the insane; was chairman of committee on benevolent State institutions, and has been trustee of the State university. In Oct., 1828, he married Ann Mason, of Lawrenceburg, Ind.

KNEELAND, SAMUEL, Boston, was born in Boston, Aug. 1st, 1821, being descended from a family resident in that city for more than a century. Educated at the Boston Latin school and at Harvard univ., he graduated from the latter A. B. in 1840, and A. M. and M. D. in 1843, his thesis on the latter occasion, "Contagiousness of Puerperal Fever," taking the Boylston prize; his essay upon "Hydrotherapy" subsequently took the same prize in 1844. Both works were published in the *American Journal of the Medical Sciences*. After his graduation he spent two years in professional study in Paris, and upon his return to America he established himself in general practice in Boston. In 1845 he was appointed demons. of anat. in the Harvard med. school, a position that he held for two years; and from 1845 to 1847 he was phys. to the Boston dispensary. As a zoölogist, in prosecuting his studies, he has made journeys of exploration in Brazil, in the Lake Superior copper region, in the Hawaiian islands, and in Iceland, the last in 1874, during the period of the millennial celebration. Among his published works are: a translation of Audry's "Diseases of the Heart;" an edition of Smith's "History of the Human Species;" "Wonders of the Yosemite Valley and California;" "An American in Iceland," and very many papers in medical periodicals; among the latter being: "Taste not a Special Sense," "Leprosy," and "Monstrosities." From 1866 to 1869 he edited the *Annual of Scientific Discovery*, and to Appleton's "New American Encyclopædia," and recently published "American Encyclopædia," he contributed upwards of one thousand articles upon scientific, mainly zoölogical and medical, subjects. He has been a member of the Boston institute of technology from its foundation in 1861, and for a number of years occu-

pied the chair of zoölogy and physiology; is a member of the Am. acad. of the arts and sciences, and has served for two years as its secretary; of the Boston nat. hist. soc., for five years its secretary; of the Am. asso. for the advancement of science; Boston soc. for med. improvement, and, since 1845, of the Mass. med. soc. In March, 1862, he was appointed act. ass't surg. U. S. volunteer army; was promoted to be surg., and assigned to the 45th Mass. reg. in October of the same year; served with that regiment through the North Carolina campaign under Burnside; was promoted to be surg. U. S. vols. in Sept., 1863, and until Feb., 1866, was in charge successively of the University hosp., New Orleans, and of the Marine hosp., Mobile. In 1866 he was mustered out of the service with the brevet rank of lieut.-col. He married, Aug. 1st, 1849, Eliza Maria, daughter of Daniel T. Curtis, Esq., of Cambridge, Mass.

ELLIOTT, WILLIAM HENRY, Savannah, Ga., was born in Savannah, March 10th, 1837. His father was Dr. Ralph E. Elliott, of Beaufort, S. C., whose ancestors were from Cornwall, England, and his mother was Margaret C. Mackay, of Scotch descent. He received his literary and classical education at Harvard, graduating A. B. there in 1857, and his medical education at the univ. of Va. and at the coll. of phys. and surg. in N. Y., graduating M. D. from the former in 1858 and from the latter in 1859. He settled in Savannah. He is president of the Ga. med. soc., and holds the position of prof. of surgery in the Savannah med. coll. During the civil war he was ass't surg. of the Confederate army. In March, 1862, he married Sidney, daughter of B. E. Stiles, Esq., of Savannah, Ga.

STOKES, WILLIAM H., Baltimore, Md., was born at Havre-de-Grace, Md., Jan. 21st, 1812. In 1829 he entered the junior class at Yale; was graduated thence B. A. in 1831; read medicine for a year under Drs. Donaldson and Stewart, of Baltimore; was subsequently a student in the med. dep't of the univ. of Md., being at the same time interne at the Baltimore infirmary; and in 1834 received from the university his degree of M. D. Soon after his graduation in medicine, he was appointed res. phys. to the Md. hosp., a State institution for the treatment of the insane, one of the first in this country. At the end of a year he resigned this position, and from 1835 to 1840 was engaged in a general practice in Mobile, Ala., being from 1837 to 1840 surg. to the U. S. marine hosp. at Mobile. The year 1841 he spent in professional study in the hospitals of Dublin, London and Paris, and upon returning to America in 1842, finally established himself in Baltimore. He is a member of the med. and chirurg. faculty of Md., and of the asso. of med. sup'ts of Am. institutions for the insane: and attending phys. of Mount Hope Retreat. In 1845 he was appointed lecturer on obstet. and dis. of wom. and chil. in the univ. of Md.; resigned at the end of a year, and was appointed prof. of the same branches in Washington univ., Baltimore. In 1850 he resigned this professorship, and since that date has devoted himself exclusively to his private practice and to his duties as phys. to Mount Hope Retreat, a private insane asylum founded in 1840, and for several years thereafter known as Mount Hope hosp., with which he has been connected since 1843. He married, Dec. 19th, 1839, Mary C., daughter of Dr. William Bradley Tyler, of Frederick, Md.

WHITE, MOSES CLARKE, New Haven, Conn., was born in Paris, Oneida co., N. Y., July 24th, 1819. He is a son of Roderick White and Lucy (Blakeslee) White, his father being a descendant of Elder John White, one of the first settlers of Cambridge, Mass., and who came from England in 1632. He was prepared for college at Cazenovia, N. Y., graduated A. B. at the Wesleyan univ., Middleton, Conn., in 1845, A. M. in 1848, and at Yale coll., M. D., in 1854, having studied medicine in that institution in 1846, 1847, and 1848. He had intermediately practised as missionary phys. of the Methodist Episcopal church at Fuh Chau, China, 1847 to 1853, and had kept a local dispensary at that place for three years. Returning to New Haven in 1854, he established himself in practice in that city. He is a member of the New Haven med. asso., and was its secretary from 1859 to 1864; also was secretary of the Conn. med. soc. from 1864 to 1876. In 1856 he was appointed lecturer on microscopy in the med. dep't of Yale coll., a position which he held till 1867, and that year received the appointment of prof. of pathol. and histol. in the same institution, a position which he still holds. Besides the above, he was teacher of botany in the scientific dep't of Yale coll. from 1861 to 1864. While at Fuh Chau he translated and published the gospel of Matthew in the local dialect of that place. He married, March, 1847, Isabel Jane Atwater, of Homer, N. Y. She died in China in 1848. In 1851 he married Mary, daughter of Joseph Owen Seely, Esq., of Onondaga, N. Y.

WOODWARD, ASHBEL, Franklin, Conn., son of Abner and Eunice (Fuller) Woodward, was born at Willington, Conn., June 26th, 1804. He was also the seventh by lineal descent, on the paternal side, from Richard Woodward, an emigrant ancestor from England, who settled in Watertown, Mass., in 1634. His professional education was received at the Berkshire med. institute, Pittsfield, Mass., and at Bowdoin coll., his degree of M. D. being granted by the latter institution in May, 1829; in 1855 he received the honorary degree of M. D. from Yale coll. In July, 1829, he established himself in Franklin, where he is still engaged in active practice. He is a member of the Conn. State med. soc., elected in 1830; served as president, 1858–59–60, and has filled at various times most of the minor offices; member of the Am. med. asso. since 1849; honorary member of the med. socs. of Maine, New Hampshire, Vermont, Rhode Island, New York and New Jersey; corres. member of various learned societies, other than medical, in this country and in Europe; was a delegate to the International med. congress, at Philadelphia, in 1876, etc., etc. Among his published writings, professional in character, may be mentioned: "History of the Connecticut State Medical Society," Trans. Conn. State med. soc., 1859; "Medical Ethics," Trans. Conn. med. soc., 1860; "Life," Trans., 1861; "Vindication of Army Surgeons," Trans., 1863; "Specialism in Medicine," Trans., 1866; "Cellular Physiology and Pathology," Trans., 1871; "Centennial Anniversary History of the New London County, Connecticut, Medical Society," Trans., 1876; etc., etc. During the entire period of the late civil war he was a member of the U. S. army board of medical examiners, and also served as surg. and med. direct. in the dep't of the Gulf. He married, in 1832, Emeline, daughter of the late Samuel Bicknell, Esq., of Ashford, Conn.

PATTERSON, RICHARD J., Batavia, Ill., was born at Mount Washington, Berkshire co., Mass., September 14th, 1817. Having received a substantial English education, he entered the Berkshire med. coll., Pittsfield, Mass., whence he graduated M. D. 1842. In the same year he was appointed med. ass't to the Ohio State lunatic asylum, Columbus, remaining in this position until 1847, when he was appointed med. sup't of the Ind. hosp. for the insane, Indianapolis. This latter position he held until 1853; was from 1866 to 1874 prof. of med. juris. in the Chicago med. coll., and in 1867 founded and has since conducted Bellevue place, a private hosp. for the insane at Batavia. He is a member of the Am. asso. of med. sup'ts of hosps. for the insane, and of the Ill. State med. soc.

PORTER, ISAAC G., New London, Conn., descended from the earliest settlers in New England, was born in Waterbury, Conn., June 29th, 1806. Graduating A. B. from Yale coll. in 1826 (A. M. in 1829), he entered the med. dep't of the univ. of Pa., graduated thence M. D. in 1833, and in the same year established himself in a general practice in his present location. He is a member of the Am. med. asso.; of the Conn. State med. soc., of which he was president in 1866 and 1867, and was a member, by especial invitation, of the International med. congress at Philadelphia in 1876. During the past forty years he has been an occasional contributor to the *American Journal of the Medical Sciences* and to the "Transactions" of the Conn. State med. soc., furnishing to the former publication twenty or more papers. For seven years, including the period of the late civil war, he served as an acting surg. in the U. S. army, and was stationed at Fort Trumbull, New London, Conn.

BRIGGS, WILLIAM THOMPSON, Nashville, Tenn., son of Dr. John M. and Harriet Briggs, was born at Bowling Green, Ky., Dec. 4th, 1828. Educated at the Southern coll., Bowling Green, and at the Transylvania univ., he graduated M. D. from the latter in 1849; practised for two years at Bowling Green, and in 1851 established himself in Nashville. Among his notable cases may be mentioned: successful ligation of the internal carotid artery for traumatic aneurism, 1871; successful removal of entire upper jaw for gunshot injury, 1863; successful removal of entire lower jaw for gunshot wound, same year; hip-joint amputation for elephantiasis arabum, leg weighing eighty pounds, 1875; fifteen cases of trephining in epilepsy, all cures but one, no deaths; ninety cases of lithotomy, four deaths, last fifty (by the medio-bilateral method) all successful. He was elected demons. of anat. in the univ. of Nashville; adjunct prof. of anat.; prof. of physiol.; prof. of obstetrics; prof. of surg. This latter professorship he continues (1877) to hold, and is also prof. of surg. in the Vanderbilt univ. of Tenn. He is a member of the Tenn. State med. soc.; of the Am. med. asso., vice-president in 1872, and of various local professional organizations. His more important publications are: "History of Surgery in Middle Tennessee;" "Tetanus treated by Chloroform," *Nashville Journal of Medi-*

cine and Surgery, 1851; "Enchondromatous Tumors of the Hand, Forearm and Arm;" "Successful Amputation at the Shoulder-Joint," *ibid.*, 1871; "Traumatic Aneurism of the Internal Carotid, the Result of a Puncture, Ligation of the Common Carotid and then of the Internal at the Seat of Injury," *ibid.*, 1871; "Death from Chloroform," *ibid.*, 1871; "Escape of Catheter into the Bladder during its Use for the Relief of Retention," *ibid.*, 1871; "Unilocular Ovarian Tumor—Operation, Recovery," *ibid.*, Oct., 1871; "Dislocation of the Radius and Ulna backwards in a patient two and a half years old," *ibid.*, 1871; "Multilocular Ovarian Tumor—Tapped more than fifteen times; extensive Parietal Intestinal and Vesical Adhesion; Incision eight inches long; weight of tumor eighty-five pounds; recovery," *ibid.*, May, 1872; "Trephining in Epilepsy," *ibid.*, 1869; "Dugos' Pathognomonic Symptom in Dislocation at Shoulder-Joint," *ibid.*, 1875; "The Trephine: Its Uses in Injuries of the Head," *ibid.*, 1876; etc., etc., etc. He married, May, 1850, Anna Eliza, daughter of Samuel Stubbins, Esq., of Bowling Green, Ky.

GRIFFITHS, THOMAS JONES, Louisville, Ky., son of the Rev. Thomas and Ann (Jeremy) Griffiths, was born in Carmarthenshire, South Wales, Sept. 10th, 1826. Having received his preparatory education in Great Britain, he immigrated to America; entered the Ky. school of med.; was graduated thence M. D. in 1852, and in the same year established himself in a general practice in Louisville. He is a member of the Louisville acad. of med., vice-president in 1875; of the Ky. State med. soc., and of the Am. med. asso. For a number of years he has occasionally contributed to professional publications, one of his most important papers being "On the Use of the Seton in Paralysis and Epilepsy," included in the annual report for 1875 of the superv. surg.-gen. U. S. M. H. S. For three years he was phys. to the Louisville city almshouse; was during the late war an acting ass't-surg. in the U. S. army, and has been since 1869 surg. in charge of the U. S. marine hosp. at Louisville, Ky. He married, June 5th, 1852, Agnes, daughter of Wm. F. Murphy, Esq., of Philadelphia.

GREGG, PATRICK, Rock Island, Ill., of Scotch-Irish descent, was born in county Mayo, Ireland, Feb. 12th, 1810. Educated at Trinity coll. and at the Royal coll. of surg., Dublin, and at Jefferson med. coll., Philadelphia, he received his degree of M. D. from the latter institution in March, 1834. From 1834 to 1836 he practised in Angelica, Allegheny co., N. Y., and in 1836 established himself in Rock Island, being one of the early settlers of that town. He is a member of the Rock Island co. med. soc.; of the Ill. State med. soc., and of the Am. med. asso. In 1866, upon the organization of the Old Settlers' soc. of Rock Island, he was elected president of that body; was elected mayor of Rock Island in 1857–58, and in 1837 county treasurer. In 1861 he was commissioned a captain in the 58th Ill. infantry; was present at the battles of Ft. Donaldson and Shiloh; was captured in the latter fight, and was for six months a prisoner within the rebel lines. On being exchanged he was appointed, in 1862, surg. to the 23d Ill. infantry (Mulligan's brigade); served under Sheridan in the valley, and on being honorably discharged, in 1864, was appointed contract-surg. to the U. S. military prison at Rock Island, and in 1864 act. post-surg. to the Rock Island arsenal. The latter position he at present (1877) continues to hold. He married, in 1841, Sarah L. Wheelock, daughter of Wm. Wheelock, of New Hampshire.

BOLLING, ROBERT, Philadelphia, was born, Dec. 11th, 1832, at Petersburg, Va., his father, Robert B. Bolling, being a resident of that place. Receiving his lay education at the Episcopal high school, near Alexandria, Va., and at the univ. of Va., he entered the med. dep't of the univ. of Pa., and received his degree of M. D. from that institution in 1855. Subsequently he studied at the medical school of Paris. Returning to this country he established himself in Philadelphia, at first in the city proper, afterwards at Chestnut Hill. He is a member of the Philadelphia co. med. soc.; of the coll. of phys., and of the Pa. acad. of nat. sciences. He has contributed to the *Medical and Surgical Reporter* papers on "Syphilis," and upon "Diseases of the Skin." From 1862 to 1864 he was assistant executive officer of the Mower U. S. army hosp. He was formerly one of the physicians to the Charity hosp., and is at present phys. to the Bethesda home. He was married, June 5th, 1866, to Léontine Bohlen Hagedorn, of Bremen, Germany.

SMITH, ALBERT HOLMES, Philadelphia, son of the late Dr. Moses B. Smith, was born in Philadelphia, July 19th, 1835. Educated at the Friends' school, at West Town, and at the univ. of Pa., he graduated from the collegiate dep't of the latter institution in 1853, and from the med. dep't in 1856. Shortly after his graduation he was elected ass't res. phys. to the Frankford asylum for the insane, and some eighteen months

later was elected res. phys. to the Pa. hosp. This latter position he relinquished in 1859, and established himself in private practice. In the same year he was elected ass't phys. to the Philadelphia lying-in charity; in 1862 attend. accoucheur to the Philadelphia hosp., and in 1863 attend. phys. and lecturer to the Lying-in charity. This last-named position he still holds, and is also consult. accoucheur to the Preston retreat; consult. surgeon-accoucheur to the Woman's hosp., and consult. phys. to the hosp. of the Good Shepherd. He is a member, and was one of the founders, of the Philadelphia obstetrical soc., serving as its president, 1874–76; a member of the Philadelphia co. med. and pathol. socs.; a fellow of the coll. of phys., and a member of the Am. gynæcol. soc. He was a delegate in 1876 to the International med. congress. As an author he has contributed to the prominent medical journals a number of papers that have very materially tended to the advancement of obstetrics, and he has also edited an edition of Ellis' "Medical Formulary." From 1863 to 1871 he was manager of the Wills' ophthalmic hosp. He was married, June 5th, 1860, to Emily, daughter of Charles Kaighn, Esq., of Camden, N. J.

LOVEJOY, JAMES W. H., Washington, D. C., son of John Naylor Lovejoy and Ann Beddo, both natives of Maryland and of English descent, was born in Washington, D. C., Dec. 15th, 1824. He graduated at the Columbia coll., of D. C. (now Columbian univ.), in 1844, taking the degree of A. M. in 1847; and in March, 1851, graduated from the Jefferson med. coll., at Philadelphia. He settled at first in Washington. He is a member of the alumni asso. of the Columbian univ., of which he has been secretary and president; the med. soc. of D. C., in which he has been corres. secretary, member of the board of censors, chairman of the board of examiners, and in 1875 president; the med. asso. of D. C., of which he was secretary from 1858 to 1870, and president from 1870 to 1873; and the Am. med. asso., of which he was ass't secretary in 1868. He was appointed prof. of chem. in the med. dep't of Georgetown coll. (now univ. of Georgetown) in 1851, which position he resigned in 1854. He was married, Nov. 24th, 1858, to Maria L. Greene, of Brooklyn, N. Y.

BUNCE, WILLIAM H., Oberlin, O., son of Dr. Hiram Bunce—a Yale graduate and one of the first regular practitioners in northern Ohio—was born in Paterson, N. J., June 29th, 1828. Educated at Oberlin coll., he studied medicine with his father; subsequently entered the Cleveland med. coll., and graduated M. D. in 1863; previous to graduation he had practised in conjunction with his father, and alone, for some twelve years. Since 1859 he has been established at Oberlin. Among his notable cases may be mentioned performance of ovariotomy; removal of several uterine fibroids by taxis, etc. He is a member of the Ohio State med. soc., elected in 1862. In 1864 he was commissioned a surgeon of Ohio vols., but was incapacitated by feeble health for active service. Since 1868 he has been one of the censors of the Wooster univ. at Cleveland. He married, June 1st, 1851, Ellen, daughter of Charles Conant, Esq., of Rochester, O.

MOORE, JONAS PATRICK, Yazoo City, Miss., was born in Edgecomb co., N. C., Oct. 3d, 1827. Having received an ordinary English education, he entered the S. C. med. coll., and was graduated thence M. D. in 1852. Entering upon practice at Thomastown, Miss., he removed thence to Madison co., Miss., in 1859, and in Dec., 1865, established himself finally in Yazoo City. He is a member of the Miss. State med. soc., and of the Am. med. asso. Among his published works may be mentioned papers on "Epidemics and Climatology of Mississippi," Transactions Am. med. asso., 1871; and "Malarial Hemorrhagic Fever," Transactions Miss. State med. soc., 1873. In 1861 he was commissioned a surgeon in the Confederate States army, and in this capacity served throughout the war. He married, Dec. 14th, 1854, daughter of Robert Edwards, Esq., of the State of Mississippi.

RAMSEY, JAMES GETTYS McGRADY, Knoxville, Tenn., was born at Swan Pond, Knox co., Tenn., March 25th, 1797. His father was Col. Francis A. Ramsey, of Gettysburg, Pa., and his mother was Peggy (Alexander) Ramsey, a daughter of John McKnitt Alexander, Esq., one of the secretaries of the Mechlenburg convention of 1775. He was educated at Ebenezer acad., Knox co., Tenn., and at Washington coll., Tenn. He studied medicine with Dr. J. C. Strong, of Knoxville, and subsequently at the univ. of Pa. in 1819–20, and settled in Knoxville in 1820. He afterwards removed to Mechlenburg, near Knoxville, and continued to practise there and in the adjoining counties till Sept., 1863, when the advance of the Federal army under Gen. Burnside compelled him to fall back in the Confederate States army and remove with his five sons into the interior of the Southern Confederacy,

where he remained till Lee's surrender, in 1865, acting as Confederate States depositary and as surgeon of Confederate States troops in hospitals and in the field. He did not return to reside permanently in Knoxville till 1871, in which year he resumed his practice in that city. His contributions to medical literature consist of "Medical Topography of East Tennessee," *Transylvania Journal*, Lexington, Ky.; "Treatment of Scarlatina and Diphtheria." Besides the above he has published "Annals of Tennessee," 8vo., 800 pp.; "The Pulpit of Tennessee," etc. In 1832 the med. coll. of S. C. conferred on him the honorary degree of M. D., on account of a successful treatment of dropsy by him while at the Charleston med. coll., in that city, some years before. He has been chairman of the board of trustees of the Hampden-Sydney acad., in Knoxville, and trustee of the univ. of Tenn., and of Washington and Tusculum colls., and of Mechlenburg acad.; honorary member of various literary and scientific socs., of the hist. soc. of the State of Ga., of the ethnological soc. of the State of N. Y., and is now president of the hist. soc. of Tenn.; had been for many years permanent secretary of the East Tenn. hist. and antiquarian soc. While yet under age he was elected register of Knox co.; in 1823 he was appointed postmaster at Mechlenburg, Knox co., a position which he held till 1861; in 1831 he was appointed school commissioner for Knox co.; in 1832 river commissioner for the improvement of the State rivers. He has also held the position of director of four of the Knoxville banks, and has been president of the Louisville, Cincinnati & Charleston railroad bank, and of the branch bank of Tennessee, at Knoxville; director of various railroads in Tennessee, and State agent of the East Tennessee & Georgia railroad, by appointment of Gov. Wm. Trousdale. In March, 1821, he married Peggy Barton, daughter of John Crozier, Esq., of Knoxville, one of the earliest merchants who settled in that city.

MORRIS, JAMES CHESTON, Philadelphia, son of Dr. Caspar and Ann (Cheston) Morris, and a grandson of Israel Wistar Morris, was born in Philadelphia, May 28th, 1831. Educated in the univ. of Pa., he was graduated thence A. B. in 1851, and M. D. in April, 1854, and in the latter year established himself in Philadelphia, making specialties of uterine and nervous diseases. From 1855 to 1860 he was phys. to the Foster home for children; from 1854 to 1858 phys. to the Moyamensing house of industry, during this time reconstructing its medical dispensary system, and from 1857 to 1873 was attending phys. to the Episcopal hosp. From 1855 to 1863, inclusive, he examined, in connection with lectures, in the univ. of Pa., on prac., mat. med., chem. and institutes of med., and also lectured upon microscopic anat. He is a member of the Philadelphia co. med. soc.; coll. of phys.; obstet. soc. and acad. of the nat. sciences, having served as corres. secretary of the latter. His most important literary work is his translation of Lehman's "Chemical Physiology," 1 vol., octavo, pp. 320, 1856. Of his other publications may be mentioned: paper on the "Digestive Principle," *Medical and Surgical Reporter*, vol. iii, p. 135; on the "Physiology of the Nervous System," *ibid.*, vol. v., p. 217, vi., 1; on "Tobacco," *Philadelphia Medical Times*, vol. i., p. 211; on the "Use of Alcohol in Treatment of Disease," *ibid.*, vol. v., p. 433; also on "Uterine Displacements and Intra-uterine Pessaries," read before the Philadelphia co. med. soc., and published in 1876. From Oct., 1862, to Aug., 1863, he served in the medical staff of the U. S. army as contract surg. He married (1), March 8th, 1854, Hannah Ann, daughter of Isaac Tyson, Esq., of Baltimore; and (2), Jan. 11th, 1870, Mary Ella, daughter of L. Johnson, Esq., of Philadelphia.

SCOVILLE, SELDEN SMITH, Lebanon, Ohio, son of Asahel, and a descendant of Noah Scoville—the latter one of the original settlers of Waterbury, Conn.—was born in Vienna, Trumbull co., Ohio, Sept. 9th, 1824. Having received a sound English education, he attended lectures successively at the Cleveland med. coll. and at the Cincinnati coll. of med. and surg., graduating M. D. from the latter in 1858. After practising at Niles, Trumbull co., and at Bethel, Clermont co., he established himself finally, at Lebanon. He is a member of the Clermont co. med. soc., secretary for several years and president, 1860-61; of the Warren co. med. soc., repeatedly elected secretary and treasurer; of the Ohio State med. soc., vice-president in 1869; and of the Cincinnati soc. of nat. hist. Among his published writings may be mentioned: "Treatment of Cerebro-Spinal Meningitis," 1868; "Vital and Physical Force," 1871; "Nervous Influence," 1872, and "Functions of the Spleen," 1874—all in Transactions of the Ohio State med. soc.; also, "Tannic Acid as a Local Remedy in Diphtheria," *Ohio Medical and Surgical Journal*, vol. xiii. He has held various offices in the local government, and has served several times as health officer of Lebanon. From

Sept., 1862, to May, 1863, when ill health compelled him to resign his commission, he served as an ass't surg. U. S. volunteer army. He married, Nov. 25th, 1852, a daughter of Edward U. Blake, Esq., of Bethel, Ohio.

BLACK, JOHN JANVIER, New Castle, Del., was born, Nov. 6th, 1837, in Delaware City, Del. His father and grandfather were physicians. He was educated at Princeton coll., and after having studied two years in the U. S. marine hosp., San Francisco, Cal., graduated from the med. dep't of the univ. of Pa. in March, 1862. He first settled in Philadelphia, from which, on account of failing health, he went to Europe, and on his return removed to New Castle, Del., where he has since lived. He is a general practitioner, his consultation practice embracing surgery, obstetrics and medicine. He is a member of the Del. State med. soc., of which he was president from June, 1876, to June, 1877; of the coll. of phys., Philadelphia, and since 1865 of the pathol. soc., Philadelphia. In 1876, and also in 1877, he was a delegate to the Am. med. asso. He is a frequent contributor to periodical medical literature. He is a trustee for the poor in New Castle co.; a trustee of the New Castle commons, and president of the board; a director of the Farmers' bank, New Castle, and president of the New Castle water-works company. During the civil war he was acting ass't surg. of the U. S. army, most of the time in charge of the U. S. army officers' hosp., Camac's woods, Philadelphia, Pa.; res. phys. at Blockley hosp., Philadelphia, Oct., 1864, to Oct., 1865. He was married in Jan., 1872, to Miss Groome, a daughter of the late Col. John C. Groome, of Cecil co., Md.

OHR, CHARLES HENRY, Cumberland, Md., of German descent, was born at Funkstown, Washington co., Md., Oct. 19th, 1811. Educated at a private academy, Hagerstown, at Gettysburg coll., and at the univ. of Md., he graduated M. D. from the med. dep't of the last-named in March, 1834, and in the same year established himself at Hancock, Washington co. Thirteen years later he removed to Cumberland, where he has since remained. In July, 1847, he introduced the use of chloroform into Cumberland, and in the cholera summer of 1853 he introduced into the same region strychnia as the treatment for that disease. Out of 600 violent cases he lost but 113. He is a member of the medical faculty of Allegheny co., having assisted in the organization of that society; of the medico-chirurgical faculty of Maryland, president of that body in 1873, and of the Am. med. asso. His most important publication is "An Account of Epidemic Cholera at Cumberland in 1853," *American Journal of the Medical Sciences*, Jan., 1854. In local and State politics he has for a number of years taken a leading part, having served as a member of the city councils for three terms; as mayor from 1859 to 1866; as consulting physician to the city for ten terms, and as a member of the Maryland State senate during 1864–65–66–67. During the late war he was acting ass't post-surg. U. S. army, at Cumberland, his services beginning in Jan., 1862, and ending in Dec., 1865. In 1858 he was a director of the Baltimore & Ohio railroad company, and is at present (1877) president of the fire insurance company of Allegheny co., and a trustee of the Cumberland city sinking fund. He married, Feb. 17th, 1835, Mary, daughter of David Blockwell, Esq., of Prince William co., Va.

HOWELL, SAMUEL BEDELL, Philadelphia, was born in Camden, Sept. 20th, 1834. He is the son of Richard W. Howell, a lawyer, whose ancestry, from Wales, settled on the Delaware, between Red Bank and Gloucester. An uncle, after whom he was named, filled the chair of anatomy and physiology at Princeton, N. J., until his death, and another uncle, Joshua Howell, who had settled in western Pennsylvania in the practice of law, entered the army during the civil war, rose to the rank of brigadier-general of volunteers, and was killed while fighting before Petersburg. A brother was also killed at Fair Oaks. His mother is a lineal descendant of Samuel Carpenter, a co-proprietor in Philadelphia with William Penn. He was educated in Philadelphia, and was prepared for college by Rev. Dr. Knighton, formerly of Princeton. He matriculated at the med. dep't of the univ. of Pa., graduating in March, 1858. He commenced practice in the Schuylkill mining region, and was appointed physician and surgeon to the mining towns of the Hickscher collieries. Here he pursued the study of practical geology. In 1865 he removed to Philadelphia, and turned his attention to the additional subjects of chemistry and mineralogy. In 1868 he was appointed by the board of trustees of the Lincoln univ., Chester co., Pa., prof. of the natural sciences in that institution, the duty of forming and developing the department of science, including medicine, devolving on him. In Sept., 1868, he succeeded Prof. Leeds in the chair of chemistry and materia medica in the Philadelphia dental

coll., and in Dec., 1872, he was chosen to occupy the chair of mineralogy and geology in the auxiliary dep't of the univ. of Pa., in place of Prof. F. V. Hayden, U. S. geologist, resigned. He is a member of the acad. of natural sciences of Philadelphia, and in 1868 was elected secretary of that institution, an office he still holds. In April, 1868, he was made a fellow of the coll. of phys., at Philadelphia, and in 1872 represented that college at the Am. med. asso. He married, April, 1859, a daughter of the late Rev. William Neill, D. D., formerly president of Dickinson coll., Carlisle, Pa.

ESHLEMAN, ISAAC STAUFFER, Philadelphia, was born, May 22d, 1820, in Paradise township, Lancaster co., Pa., his ancestors, who were German and French, being among the early settlers of that portion of the State. He received a preliminary education under private tutors and in academies, subsequently matriculating at the Jefferson med. coll., Philadelphia, from which he graduated in 1851, and immediately commenced the practice of his profession in Philadelphia, where he has continued until this time. He claims to be among the first to use stimulants in pneumonia, and also that blisters are not revellents but stimulants. He found that during the epidemic of spotted fever that cerebro-spinal meningitis yielded to free depletion, very early made use of, followed by chloroform through the mouth. This experience prepared him for the use of chloral, which he has successfully prescribed in puerperal, tetanic, meningitic, infantile and every form of convulsions. In Dec., 1866, after using all known remedies for rigid os uteri, he introduced a narrow-blade forceps and delivered, without an unpleasant symptom in mother or child following. He also claims that fractures which involve the joints where the callus is washed by synovial fluids are capable of forming good bony union if well adjusted and kept in apposition for a much longer period than usual. Dr. Eshleman is the author of papers showing originality of practice in placenta previa, and in narrow conjugate he prefers head first to turning in both cases. In placenta previa the very narrow-bladed long forceps are applied as soon as they can be made to enter the undilated os, by which the head is grasped and brought to press upon the placenta so as to tampon and dilate the os. Dr. Davis, of Wilkesbarre, in his address on obstetrics before the med. soc. of the State of Pa., published in the Transactions for 1876, predicts that Dr. Eshleman has opened a new era in the treatment of placenta previa. He is a member of the Am. med. asso.; Pa. State med. soc.; vice-president of the Philadelphia co. med. soc.; Northern med. soc.; president of the medico-chirurgical soc. of Philadelphia. He was married, 1851, to Mary, daughter of D. Jayne, Esq., of Philadelphia.

THRALL, SENECA BROWN, was born in Utica, Licking co., O., Aug. 9th, 1832, his father being H. L. Thrall, M. D., for a number of years prof. of chemistry, etc., in Kenyon coll., and subsequently a prominent physician of Columbus, O. Graduating in 1851 from Kenyon, he attended lectures at Starling med. coll., Columbus, in 1851–52, subsequently attending lectures in the med. dep't of the univ. of N. Y., from whence he graduated M. D. in March, 1853. After practising for short periods at Columbus and Belle Centre, O., he finally, in May, 1856, established himself at Ottumwa, Iowa, where he has since remained. During a portion of the war he served in the U. S. army as acting ass't surg., being in the summer of 1862 in hospitals at Keokuk, and from September of that year to May, 1864, attached to the 13th Iowa infantry reg., 17th army corps. He is a member of the American, Iowa, Desmoines valley and Wapello co. med. socs., and Rocky Mountain med. asso.; was secretary of the Iowa soc. in 1864, president in 1869, president pro tem. in 1870, and has been its secretary since 1873. At various times he has been president and secretary of the Wapello co. soc. He is an hon. member of the California med. soc. For a number of years he has been a member of the Ottumwa city school board, several years ago acting as its president. Several of his articles have been published in the Transactions of the Iowa State med. soc., issued in 1871 and in 1876. He has also read a number of other papers before the State and other societies of which he is a member. Has occasionally contributed articles to periodical medical literature, and frequently to the newspaper press, the latter non-medical, but on various subjects of interest at the time. He was married, May 15th, 1856, to Mary, daughter of Nathan Brooks, of Columbus, Ohio.

SHERMAN, BENJAMIN FRANKLIN, Ogdensburg, N. Y., was born, May 24th, 1817, at Barre, Washington co., Vt. He is a descendant of the Connecticut Shermans, his grandfather being a cousin of Roger Sherman. His brothers, four in number, were all practising physicians. His lay education was obtained at the Ogdensburg acad., and his medical education at Pittsfield, Mass., and in the Albany, N. Y., medical coll. He

graduated from the latter in Feb., 1841, and settled in Hammond, St. Lawrence co., N. Y.; removed from there two years after and went to Potsdam, in the same county. Finally he established himself in Ogdensburg in 1845 and commenced general practice, but made the diseases of women and children, and of the nervous system, a more special study. He is a member of the St. Lawrence co. med. and N. Y. State med. socs., president of the former in 1868, and of the latter made permanent member in 1871 and vice-president in 1872; of the Ogdensburg med. and of the northern N. Y. med. assos., several times president of the former, and elected president of the latter in 1870; permanent member of the Am. med. asso., elected in 1872, and delegate from the N. Y. State med. soc. to International med. congress in 1876. He has reported various cases in the *Medical Record*, and in the N. Y. State med. society's Transactions. He has held the position of coroner of his county, and member of the board of education of Ogdensburg; for fifteen years has been chemist and microscopist for the public prosecutor of the county; is medical examiner for various life insurance companies, and pension examining surgeon. In Sept., 1857, he married Charlotte S., daughter of John S. Chipman, Esq., of Waddington, St. Lawrence co., N. Y. One of his sons graduated at Bellevue med. coll., New York, and is practising in Indiana, and another is now studying and will probably graduate in 1878.

GALLOUPE, ISAAC FRANCIS, Lynn, Essex co., Mass., was born in Beverly, Mass., June 27th, 1823; was educated in the common schools, at Beverly acad. and under a private preceptor, and studied medicine with the late A. L. Pierson, M. D., of Salem, at the Tremont med. school, in Boston, and at Harvard med. coll., from which he graduated, March 3d, 1849, settling in Lynn, where, excepting his absence on duty in the civil war, he has since remained. He is a general practitioner, but is known chiefly as a surgeon, being the principal operating and consulting surgeon in Lynn and its vicinity, and having been the first resident surgeon to perform capital operations. He is a member of the Mass. med. soc.; the Essex south district soc., of which he was vice-president in 1873, and the Lynn med. soc., of which he was president in 1873 and 1874. Occasionally during the last twenty-five years he has contributed reports of notable cases to the *Boston Medical and Surgical Journal*, and is the author of a letter on amputation at the hip-joint, embodied in "Circular No. 6," issued by the surgeon-general; of a communication to the surgeon-general of Massachusetts on primary amputation for gunshot wounds; of papers on "Cerebro-Spinal Meningitis," "Chronic (malarial) Hepatitis," "Medical History of the Seventeeth Massachusetts Volunteers," etc., published in the *Boston Medical and Surgical Journal* during the war, and of numerous reports of cases published in the "Medical and Surgical History of the War of the Rebellion," not to mention others to be published in forthcoming volumes. In 1850 he was a member of the board of the school committee, and in 1850, 1855 and 1865 was city physician. He was commissioned as surgeon of the 17th Mass. vols., July 10th, 1861, serving in the army of the Potomac until March, 1862, when he was sent to North Carolina with the reinforcements for Gen. Burnside, where he was detached from his regiment and served as acting brig. surg., div. surg. on the staff of Major-Gen. J. G. Foster, and med. director of the 18th corps, serving also as post surg. at Newbern, surg.-in-charge of Foster U. S. army gen. hosp., and occasionally as acting med. inspector. After the expedition under Major-Gen. Foster from Newbern to Goldsboro' bridge, in Dec., 1862, he received honorable mention in the official report of Gen. Amory to the commanding general. During an attack on Newbern, under Gen. Pickett, Feb. 1st, 1864, he was captured by the enemy while extracting a bullet from a wounded man on the field, and taken to Libby prison, where he was kept until the 1st of March. On the 10th of the following August, his health being seriously impaired, and his term of service expired, he was discharged the service. He was afterwards, March 13th, 1865, promoted by the President to the rank of lieutenant-colonel by brevet, for "faithful and meritorious services during the war." From 1865 to the present time he has been an examining surgeon. He was married, Nov. 27th, 1854, to Lydia D. Ellis, and has two children, sons, one of whom graduated in 1876 at the Mass. inst. of technology, and the other is now a sophomore in Harvard college.

DUNGLISON, RICHARD JAMES, Philadelphia, was born, Nov. 13th, 1834, in Baltimore, Md. He is the son of Dr. Robley Dunglison and Harriette Dunglison, natives of England. He pursued his academical course at the univ. of Pa. and his professional course at the Jefferson med. coll., taking in the former institution the degree of A. B. in 1852 and that of A. M. in 1855, and graduating from the latter in March, 1856. He settled in Philadelphia, where he has since resided. He is a member of the Am. med.

asso., of which he was assistant secretary in 1876 and treasurer in 1877; of the Pa. State med. soc., of which he was corres. secretary in 1875; of the Phila. co. med. soc., and of the coll. of phys., Philadelphia. He has contributed papers to the *North American Medico-Chirurgical Review* among which may be mentioned, "Observations on the Deaf and Dumb," 1858, and "Statistics of Insanity in the United States," 1860, both of which appeared also in pamphlet form, and "Reflections on Exanthematic Typhus," 1861; to the *Medical and Surgical Reporter*, to the *Philadelphia Medical Times*, including a series of articles on "Public Medical Libraries of Philadelphia," 1872, published also as a pamphlet; and to the *New York Medical Record*, notably, "Letters on Medical Centennial Affairs," 1876, not to mention leading articles, letters, etc., to various medical journals. He edited Dunglison's "History of Medicine," 1872; Dunglison's "Medical Dictionary," 1874, etc., and translated, from the French, Guersant's "Surgical Diseases of Children," 1873. In 1862, and the three following years, he was acting ass't surg. in the U. S. army, on duty in various military hospitals at Philadelphia, and in 1864 and 1865 was executive officer of the Filbert street U. S. army hosp., Philadelphia. He was formerly physician to the Albion soc., and attend. phys. to the Pa. institution for the instruction of the blind, as also to the Burd orphan asylum. He was assistant secretary of the International med. congress, as well as corres. secretary of the Centennial med. commission, and is hon. local secretary of the New Sydenham soc. of London, and also president of the musical fund soc. of Philadelphia. He is unmarried.

CONN, GRANVILLE P., Concord, N. H., was born, Jan. 25th, 1832, at Hillsboro', N. H. He is of Scotch-Irish descent on the paternal side, and of English on the maternal. He was educated at Pembroke and Francistown acads., and at Capt. Partridge's military institution, Norwich, Vt., attending the latter for two years, during which he fitted himself for the profession of civil-engineering, which, however, he was compelled to renounce on account of ill health, after which he read medicine with Dr. H. B. Brown, Hartford, Vt., and graduated at the Dartmouth med. coll. in Nov., 1855. In Jan., 1856, he took up his residence in Randolph, Vt., where he remained until Jan., 1861, when he sold out his practice and, in view of the unsettled state of public affairs, went to Richmond, Vt., remaining there till July, 1862, at which time he entered the military service, and continued in it until July, 1863, settling in the following October at Concord, in which he has resided ever since. He is a member of the N. H. med. soc., of which he has been secretary since 1869; of the public health asso.; of the centre district (N. H.) med. soc.; of the Concord med. asso., and of the N. H. historical soc. He is an honorary member of the Vermont State med. soc. He is the author of an "Essay on Nutrition," published in the Transactions of the N. H. med. asso., 1870, and the reporter of a case of pneumo-pericardium published in the *Boston Medical and Surgical Journal* in 1871. For the past eight or nine years he has been a member of the board of health for the city of Concord, and for the past five years city physician. For four years he has been a member of the board of examining surgeons under the pension laws. In July, 1862, he was sent to "the front" by the friends of the soldiers, and was wounded whilst on the Peninsula. In the following September he was called to Brattleboro', Vt., to assist Surg.-Gen. Phelps in establishing a hospital there. In October of the same year he returned to the front with the 12th Vt. reg. as ass't surg., becoming acting surgeon Jan., 1863, and continuing in that capacity until July of that year, when the regiment, being a nine-months' one, was mustered out of the service. He was married, May, 1858, to Helen M. Sprague, of Randolph, Vt., and has two sons, aged respectively seventeen and eleven.

GILMARTIN, PETER PAUL, Detroit, Mich., of Irish descent, was born at Boston, Mass., June 29th, 1839. Educated at Laval univ., Quebec, St. Charles coll., Md., and at Harvard univ., he received his degree of M. D. from the last-named institution in 1865. Previously to entering the Harvard med. school he had attended lectures at Queen's coll., Kingston, Canada. In 1863–64 he served as acting ass't surg. U. S. navy, being attached to the monitor "Osage," Mississippi squadron, under Admiral Porter. Broken health, superinduced by climatic influences and overwork, compelled him to resign his commission. In Aug., 1866, he permanently established himself in Detroit. He has been attached to several colleges, in different capacities, and has been a member of various medical bodies.

GARY, FRANKLIN F., Cokesbury, S. C., born at Cokesbury, S. C., Nov. 9th, 1829, is descended on his father's side from the Garys of Virginia, and on his mother's from the Witherspoons of Scotland. He received his education at the Cokesbury

high school, and studied medicine at the Jefferson med. coll., Philadelphia, from which he graduated in 1851, settling in his native town. He is a member of the med. soc. of South Carolina; and of the Abbeville co. med. soc., of which he was president in 1872. He has published a paper on the "Medical Topography of Abbeville County," and contributed to medical journals various articles and reports of cases. He has been intendant of the town of Cokesbury; and in the civil war was surgeon in the 1st reg. of State troops. He is a trustee of the Masonic female coll., and also of the Cokesbury conference high school; a director of the Greenville & Columbia railroad; and a member of the grand lodge and of the grand royal arch chapter of South Carolina. He was married in 1853 to Mary C. Blackburn, of Laurens co., S. C.

REEVE, JOHN CHARLES, Dayton, O., was born at Mells Park, England, June 5th, 1826. His professional education was begun at the Western Reserve coll., from the med. dep't of which he graduated M. D. in 1851. After practising for a time in Dodge co., Wis., he repaired to Europe for further study, passing, for this purpose, the winter of 1853–54 in London, and the summer of 1854 in Göttingen. Upon returning to America, in the latter year, he established himself in general practice in Dayton, where he has since remained. One of his most notable cases (reported at the time in the *American Journal of Medical Sciences*, and referred to in the fifth edition of "Gross's Surgery, vol. ii., p. 369) was the removal of a shawl-pin from the trachea, followed by a good recovery. He is a member of the Am. med. asso.; Am. gynæcol. asso.; Ohio med. soc., and Montgomery co. med. soc., of which last he is at present (1877) president. His professional publications have been, mainly, contributions to the review department of the *American Journal of the Medical Sciences*. In 1860–61 he held the chair of mat. med. and therap. in the med. coll. of Ohio, at Cincinnati.

FENNER, CHRISTOPHER SMITH, Louisville, Ky. was born in Smithfield, R. I., Jan. 9th, 1823. He was educated in Providence, R. I., at the Friends' young men's boarding school, and graduated from the med. dep't of Yale coll., in the spring of 1844, settling first in New Orleans, but going in 1854 to Memphis, Tenn., whence, in 1872, he removed to Louisville. He practised general and ophthalmic surgery until 1872, since which time he has made a specialty of ophthalmic surgery, and has been clinical lecturer on diseases of the eye, in the Louisville med. coll. He is a member of the Am. med. asso.; the Am. opthal. soc.; the International opthal. congress; the Ky. med. soc.; and the coll. of phys. and surg. of Louisville, Ky.; and honorary member of the medico-chirurg. soc. of Louisville, Ky. He is the author of "Vision—its Optical Defects, and the Adaptation of Spectacles," and of various papers contributed to the *New Orleans Medical and Surgical Journal*, the *North American Medico-Chirurgical Review*, the *American Journal of Medical Sciences*, the *Richmond and Louisville Medical Journal*, the *American Practitioner*, and other medical periodicals. He was surgeon, during the civil war, to the Overton hosp., at Memphis, Tenn., which he opened for the reception of the wounded at the battle of Belmont, and to the Irving hosp., in which he received the wounded from Shiloh. He was a member of the board of education of Memphis, and president of the Bluff City insurance company. He was married, Nov. 9th, 1853, to Olivia M. Pryor, of Marshall co., Miss.

SIMMONS, GUSTAVUS LINCOLN, Sacramento, Cal., of Puritan and revolutionary descent, was born in Hingham, Plymouth co., Mass., March 13th, 1832. He received his preliminary education in the schools and academy of his native town, and in 1849—soon after the discovery of gold, when but seventeen years of age—he became a pioneer to the Pacific coast, rounding Cape Horn to join a brother-in-law—the late Dr. Henry B. May—in San Francisco. Soon after his arrival he removed to Sacramento, and commenced his medical reading while acting as assistant dispensing clerk to his relative. When twenty-one years of age he returned to the east, and entered the Tremont street preparatory med. school in Boston, and the med. dep't of Harvard univ., receiving his degree from the last-named institution in 1856. He established himself in Sacramento, and has acquired a large practice in central California. With a view of making a specialty of surgery, he has made two visits to Europe, on each occasion spending a winter in the hospitals of the leading cities. He has, among his notable reported cases, ligated the common carotid; wired the tendon Achilles; eight times performed tracheotomy, and in 1858 reported the first case of ovariotomy in California. He is a member of the Am. med. asso., and served upon the committee of arrangements at the California meeting of that body in 1871; a member of the Cal. State med. soc.; of the

Mass. State med. soc.; of the Sacramento soc. for med. improv.; and the Sacramento board of health. He has been surg. of the Sacramento co. hosp; brig.-surg. of the 4th brig. N. G., Cal.; and sec. of the city board of education. His writings have been confined to reports to medical societies, and papers in the medical periodicals. He was married in June, 1863, to Celia, daughter of Rev. Peter Crocker, formerly of Richmond, Ind.

NEWELL, TIMOTHY, Providence, R. I., son of Stephen Newell, was born in Sturbridge, Mass., March 29th, 1820. After a preparatory academical and collegiate education, the latter at Brown univ., he entered the Vt. med. coll. and from that institution received his degree of M. D. in 1850. After three years in practice at Cranston, R. I., he established himself, and has since remained, in Providence. He is a member of the Am. health asso.; Providence med. asso.; and of the R. I. med. soc., being at present (1877) treasurer of the latter. At the quarterly (Dec., 1874) meeting of the State soc., he drew the attention of the members of that organization to the need of a rational system of school hygiene; and presented—as chairman of a committee appointed on this subject—a report, a portion of which was extensively copied and commented upon throughout the country. His publications have been limited to contributions to popular journals, and have, in the main, been discussions of sanitary subjects; the most important of these is a paper upon "The Changes Demanded by Physiology in our School System," *New York Sanitarian*, April, 1877. During the late war, he was, for a period of nine months, surg. to the 1st R. I. cavalry reg.; being for a short time a voluntary prisoner in the enemy's lines for the purpose of caring for the wounded of the army of the Potomac. He married, Sept. 19th, 1867, Anna P. Smith, daughter of James W. Bates, late of Kingston, R. I.

LEAMAN, HENRY, Philadelphia, was born at Leaman Place, Lancaster co., Pa., July 3d, 1839, his parents being Henry and Amanda Leaman, descendants of the early settlers of Lancaster co. Receiving his primary education at Strasburg academy, he graduated from Franklin and Marshall coll. in 1859, and, after a year passed in school-teaching, began his medical studies under his uncle, the Rev. John Leaman, M. D., in 1861. Subsequently entering Jefferson med. coll., he graduated in March, 1864. He established himself in the following year, and has since remained in general practice, in Philadelphia. He is a member of the Philadelphia co. med. soc., having served as reporting and recording secretary; and of the Northern med. asso.; is prosector for the prof. of anat. to the Jefferson med. coll., and also ass't demons. of anat. to the same; and is surgeon to the charity hospital. He has contributed occasional papers to the *Medical Times*. In Aug., Sept. and Oct., 1863, he served as acting ass't surg., U. S. army, in the Gettysburg hospitals, and from March, 1864, to May, 1865, similarly served in the hospitals of Beaufort and Hilton Head, S. C.

FIELD, CALEB C., Leominster, Mass., was born in Northfield, Mass., May 27th, 1810. He is the son of George Field, of that town, and a descendant of Zachariah Field, who came from England in 1630, and settled in Dorchester, Mass., removing soon after to Hatfield, where he died in 1663. He graduated at Amherst coll. in 1833, and from the Dartmouth med. coll. in 1837, settling in Leominster, from which he has never removed. He is a member of the Mass. med. soc., of which for many years he has been one of the councillors; and of the Worcester North med. soc., of which he was President in 1869 and 1870. Since 1838 he has been a member of the town school committee, and for the last twenty years its chairman. He was representative in the general court of Massachusetts in 1873 and 1874. He was married in 1839 to Hannah C. Danforth; in 1858 to Mrs. Anne S. Carter; and in 1861 to Martha Joselyn.

DONAHOE, HENRY JAMES, Sandusky, O., of Irish descent, was born in Washington, Pa., May 25th, 1828. Educated at St. Joseph's coll., the Ohio univ., and Cleveland med. coll., he graduated M. D. from the last-named institution in 1853, and in the same year established himself in general practice in Sandusky, O. He is a member of the Am. med. asso.; Ohio med. soc., of which he served as secretary in 1857, declining re-election; Cal. med. soc. and Elie co. med. soc., of which he was for fifteen years secretary, and is now (1877) vice-president. During the late war he held, for a time, the position of post-surg. to the Johnson's island (officers') prison. He has served as a member of the Sandusky city council, and has been president of that body for one year; is at present a member of the board of education; has been president of the Sandusky building and loan asso. for nine years, and is now a director of the Third national bank of Sandusky. He married, Dec. 25th, 1857, Emily A., daughter of Adam Miller, Esq., of Sandusky.

BILLINGS, JOHN SHAW, Washington, D. C., son of James Billings, of Saratoga co., N. Y., and Abby Shaw, of Rhode Island, was born, April 12th, 1838, in Switzerland co., Ind. He was educated at Miami univ., Oxford, O., from which he graduated in 1857, taking the degree of A. M. in 1860, and graduating from the Ohio med. coll., at Cincinnati, in 1860. He first settled in Cincinnati, but in 1861 entered the U. S. army, in which he still continues, having resided since 1864 in the city of Washington. He is a member of the Am. med. asso.; the Am. pub. health asso.; the acad. of nat. sciences, in Philadelphia; the coll. of phys. in Philadelphia; and the philosoph. soc. of Washington, D. C.; and hon. member of the med. soc. of Dist. of Columbia. He is author of "Surgical Treatment of Epilepsy," *Cincinnati Lancet and Observer*, 1861, iv., new series; of reports in the "Medical and Surgical History of the Rebellion," 1861–65; of "A Report of Investigations on Cryptogamic Growths," in connection with "Reports on the Diseases of Cattle in the United States," 1869; of a "Report on Barracks and Hospitals," circular No. 4, war dep't surg.-gen.'s office, 1870; of a "Catalogue of the Library of the Surgeon-General's Office, United States Army," 1873–74; of "Notes on Hospital Construction;" "Reports and Papers of the American Public Health Association," 1874–75; of a paper on "A Sanitary Survey of the United States, with Remarks on Medical Topography," *ibid.*, 1875; of "Bibliography of Cholera," ex. doc. No. 95, 43d Congress, 2d session, House of Representatives, under head of "The Cholera Epidemic of 1873 in the United States;" of "Literature and Institutions," *American Journal of the Medical Sciences*, 1876; of "Medical Libraries in the United States," embodied in a special report on public libraries in the U. S., from the dep't of the interior, bureau of educa., part 1, chap. vi., 1876; of "A Report on the Hygiene of the United States Army," circular No. 8, war dep't, surg.-gen.'s office, 1875; and of "Reports and Papers on the Johns Hopkins Hospital," 1876–77. In Nov., 1861, he was appointed acting ass't surg. in the U. S. army, and in April, 1862, ass't surg., having charge of hospitals in Washington, D. C., and West Philadelphia, until March, 1863, subsequently serving as operating surg. in the field hosp. of the 2d div., 5th corps, army of the Potomac, at Chancellorsville, Va., and in May, 1863, joining the 7th and 10th U. S. infantry, taking charge afterwards of the field hosp. of the 2d div. of the 5th corps of the army of the Potomac, at Gettysburg, Pa. From Oct., 1863, to Feb., 1864, he was on hospital duty at David's and Bedloe's islands in the New York harbor, serving also as a member of the board of enrolment. In Feb., 1864, he attended the special expedition to the isle à Vache, W. I.; and in April, 1864, was acting med. inspector of the army of the Potomac. From August to December in 1864 he was on duty in the office of the med. director of the army of the Potomac, and since Dec., 1864, has been in the office of the surg.-gen. at Washington, D. C. He was successively brevetted capt., major and lieut.-col. in the U. S. army for faithful and meritorious services during the war. In Dec., 1876, he was appointed surgeon, with the rank of major in the regular army. He is a lecturer on the history of medicine in the Johns Hopkins univ., and medical adviser of the Johns Hopkins hosp. He was married, Sept. 3d, 1862, to Kate M. Stevens, daughter of the Hon. Hestor L. Stevens, of Michigan.

AYRES, DANIEL, Brooklyn, N. Y., was born in New York, Oct. 6th, 1822; graduated in arts at the coll. of New Jersey; attended medical lectures at Castleton, Vt., med. coll., and at the univ. of New York. He graduated M. D. from the latter institution in 1844, and after serving as ass't phys. to Bellevue hosp., established himself in Brooklyn in 1845. In 1856 he received the honorary degree of LL. D. from Wesleyan univ. He is a member of the Am. med. asso.; fellow of the New York acad. of med.; member of the New York pathol. soc.; med. soc. of Berlin; Brooklyn med. and chirurg. soc., etc. From 1846 to 1853 he was surg. to the Brooklyn city hosp.; and in 1870 appointed consult. surg. to St. Peter's hosp. At the founding of Long Island coll. hosp., in 1856, he was elected surgeon to that institution, and prof. of clin. surg., and surgical pathol. In 1874 he was appointed prof. emeritus, and continues to lecture on those branches. His professional publications have been limited to contributions to medical periodicals, among his more important papers being: on "Exstrophy of the Bladder, with New Operation;" on "Successful Reduction of Complete Dislocation of the Cervical Vertebræ;" on "Operation for Artificial Anus;" and on "Trepanning of Skull for Reflex Epilepsy." During the late war he served as corps surgeon. He married, Oct. 6th, 1849, Charlotte Augusta, daughter of Daniel Russell, Esq., of Portland, Conn.

MASON, DARIUS, Prairie du Chien, Wis., youngest son of Olney and Lillis (Pierce) Mason, was born at Swansea, Bristol co., Mass., April 1st, 1830. Educated at the Friends' acad., New Bedford; Har-

vard med. school, and the coll. of phys. and surg., New York, he graduated M. D. from the last-named institution in March, 1853. From April, 1853, to June, 1854, he was res. phys. to the children's hosp. on Randall's island; spent the three following years in attending clinics at the various hospitals in New York, Philadelphia, Chicago and St. Louis, and in April, 1856, established himself in general practice in Prairie du Chien. He has performed a number of capital operations: vesico-vaginal fistula; ovariotomy; trephining mastoid process for abscess, etc. He is a member of the Wis. med. soc., of which he has been a censor for several years; was delegate from that organization to the sessions of the Am. med. asso. in 1871 and 1876; and was also a delegate, in 1876, to the International med. congress at Philadelphia. He married, Oct., 1861, Adelaide, daughter of the late Lieut. Charles Brisbois, U. S. army.

WILSON, HENRY PARKE CUSTIS, Baltimore, Md., was born at Workington, in Somerset co., Md., March 5th, 1827. His ancestor on his father's side, seven generations back, settled in Somerset co., having emigrated from Ireland. His literary education was received at Princeton, N. J., and his medical education at the universities of Va. and Md., and in the private office of Dr. William G. Smith, of Northampton co., Va.; graduating from the former in 1848, and from the latter in 1851. He settled in Baltimore soon after. He is a fellow of the Am. gynæcol. soc. and a member of the med. chirurg. faculty of Md., of which latter he was for several years secretary, and a member of the exec. com. He has performed a number of the more important operations in gynæcology, and claims to have been eminently successful. He is surgeon in charge of the woman's department of the Union Protestant infirmary, and was formerly physician in charge of the Baltimore city and county almshouse. He married, on the 16th of June, 1858, Alicia B., daughter of David Griffith, Esq., of Baltimore co., Md.

GILBERT, WILLIAM KENT, Philadelphia, Pa., was born, Dec. 28th, 1829, at Northumberland, Pa., being the son of David Gilbert, M. D., a prof. in the Pa. med. coll. His father's ancestors, who were originally German, came to this country in 1734, settling in the western portion of Lancaster (now called Adams) county, and his mother's ancestors emigrated from the north of Ireland to the same locality about the same time. After receiving an academic education, he entered the Pa. coll., Gettysburg, Pa., graduating in Sept., 1849, and subsequently the Pa. med. coll., receiving the degree of M. D. therefrom in March, 1852. After serving two years as res. phys. to the Philadelphia (Blockley) hosp., he commenced the practice of his profession in Philadelphia, where he still continues. He has spent many years in making a collection of books, papers, autograph letters and manuscripts relating to American medical history, biography and literature, his library in these departments being the most valuable in the United States, and is now engaged in writing a history of American Medical Literature and Unpublished Biography. He is a member of the coll. of phys.; Pa. hist. soc.; acad. of nat. sciences; Philadelphia co. med. soc., and board of guardians of the poor; serving also as consult. phys. of the hosp. committee of the Philadelphia hosp. He was married, Sept. 12th, 1854, to Clara, daughter of Alexander J. Reid, a retired merchant of Philadelphia.

PINEO, PETER, Hyannis, Mass., of Huguenot descent, and grandson of John Pineo, an orderly on the staff of Gen. Washington during the revolutionary war, and, after the war, a Congregational clergyman, in charge of a church at Cornwallis, Nova Scotia, was born at Cornwallis, March 6th, 1825. Having received a classical education, he entered the Harvard med. school, subsequently attended medical lectures at Bowdoin coll., and graduated M. D. from the last-named institution in May, 1847. After practising, successively, at Portland, Me., and Boston, Barnstable and Groton, Mass., he finally established himself at Hyannis, in April, 1866. In 1859–60–61 he was prof. of med. jurisp. and clin. lecturer in the Castleton, Vt., med. coll. Since 1850 he has been a member of the Mass. med. soc. and is councillor; is a perm. member of the Am. med. asso.; member of the Am. pub. health asso., etc. In June, 1861, he was commissioned surgeon of the 9th Mass. reg.; was promoted to be brig.-surg., U. S. vols., in August of the same year; was in 1862–63 surg. in charge of the Douglas general hosp., Washington, D. C.; was in Feb., 1863, promoted to be med. inspector, with the rank of lieut.-col., U. S. army, and served with distinction until the end of the war, January, 1866. He is at present (1877) surg. in charge of the U. S. marine hospital service, for the district of Barnstable. Since 1875 he has been a member of the military order of the Loyal Legion of the United States. He married, May 8th, 1850, Elizabeth Crosby, daughter of Kendall Crosby, Esq., of Boston.

RUSCHENBERGER, WILLIAM S.W., Philadelphia, was born in Cumberland co., N. J., Sept. 4th, 1807. He received his academic education at Philadelphia and New York, and studied medicine, under the direction of Dr. J. P. Hopkinson and Dr. Nathaniel Chapman, in the med. dep't of the univ. of Pa., from which he graduated in March, 1830. His professional career was confined to the naval service of the U. S., which he entered Aug. 10th, 1826, as surgeon's mate, and from which he retired Sept. 4th, 1869, as medical director, with the relative rank of commodore; having meanwhile served from March, 1835, to Nov., 1837, as fleet surgeon to the East India squadron, in which capacity he circumnavigated the globe; as sup't of the U. S. naval hosp. at Brooklyn from 1843 to 1847, during which he organized the naval laboratory for supplying the service with unadulterated drugs; as a member of the board to devise plans and regulations for the U. S. naval academy, in 1849—and subsequently as surgeon of the fleet, Pacific squadron. He is a member of the Am. med. asso.; the coll. of phys. of Philadelphia, of which he was elected secretary in July, 1854, and vice-president May 5th, 1875; the acad. of nat. sciences of Philadelphia, of which he was elected vice-president in Jan., 1869, and president in Dec., 1869; the Am. philosoph. soc. and hist. soc. of Pa. The fruits of his observations and researches, afloat and ashore, appeared in a succession of works entitled respectively, "Three Years in the Pacific;" Philadelphia, 1834, London, 1835; "A Voyage Round the World;" Philadelphia, 1838, London, 1838; "Elements of Natural History;" Philadelphia, 1850, 2 vols.; "Lexicon of Terms used in Natural History," 1850; "A Notice of the Origin, Progress, and Present Condition of the Academy of Natural Sciences of Philadelphia," 1852; and "Notes and Commentaries During a Voyage to Brazil and China, in 1848;" Richmond, 1854. He has also published several pamphlets on the rank of medical officers in the navy, edited with notes; Marshall's work on "Enlisting, Discharging and Pensioning Soldiers;" and contributed various papers and reviews to the *Medical Examiner*, the *American Journal of the Medical Sciences*, the *Journal of Pharmacy*, and other medical and scientific periodicals. He was married in Oct., 1839.

MURPHY, CORNELIUS TATE, Clinton, N. C., descended from Scotch immigrants to America in 1774, son of Cornelius and Margaret Murphy, was born in what was then New Hanover co., N. C., June 20th, 1827. Having received a sound English education, he read medicine under his brother, Dr. H. F. Murphy, attended lectures at the Jefferson med. coll., and received from that institution, in March, 1848, his degree of M. D. From 1848 to 1854 he practised in New Hanover co.; in the latter year removed to Sampson co., and since 1873 has resided in Clinton, the county-seat. In the course of his practice he has twice successfully performed tracheotomy; has successfully treated two cases of traumatic tetanus, and has frequently operated for inguinal hernia. He was elected a member of the N. C. State med. soc. in 1853; was vice-president in 1860; orator in 1869 and 1870, and was for six years a member of the State board of med. examiners. He has been among the foremost in efforts for medical progress and reform in his State, and has always taken a lively interest in the State med. soc., participating in the discussions at its annual sessions. From 1869 to 1874 he was a member of the N. C. senate, declining a renomination; has been a member, and president, of the N. C. State board of public charities since 1870, and since 1873 has been a member of the board of directors of the N. C. State insane asylum. He married, Dec. 21st, 1853, Ann Eliza, daughter of James Murphy, Esq.

KEEN, WILLIAM WILLIAMS, Philadelphia, was born in Philadelphia, Jan. 19th, 1837, his parents being William W. and Susan (Budd) Keen. He graduated, successively, from the Philadelphia high school, in 1853; Brown univ., in 1859, and Jefferson med. coll., in 1862. In May of the latter year he entered the U. S. army as act. ass't surg., serving until July, 1864. During this period he was in charge of the Ascension and Eighth street gen. hosps., at Washington, and subsequently of the U. S. army hosp. for nervous diseases, at Turner's lane, Philadelphia. From 1864 to 1866 he studied at leading medical schools in Europe, returning in 1866 to America, and establishing himself in Philadelphia. He was appointed immediately upon his return, lecturer upon pathological anat. to Jefferson med. coll., a position that he held for the nine ensuing years. During the same period he conducted the Philadelphia school of anat., lecturing upon anat. and operative surgery to the largest private class ever assembled in this country. He has also lectured upon artistic anat., and at present is prof. of artistic anat. at the Pa. acad. of the fine arts. He is a member of the coll. of phys.; of the Pa. acad. of the natural sciences, and of the pathological soc.; of the last-named he served as secretary from 1869 to 1872. He was elected a trustee of Crozer theological

seminary in 1867, of Brown univ. in 1873, and a manager of the American Baptist Publication Society in 1872. He has for several years been a contributor to the literature of his profession, writing extensively for medical periodicals, and also publishing a number of works. Among the latter may be instanced the following: "On Reflex Paralysis" (with colleagues); "Gunshot Wounds and other Injuries of Nerves" (with colleagues); "A Sketch of the Early History of Practical Anatomy;" "History of the Philadelphia School of Anatomy;" "The Surgical Results of Continued Fevers," Toner lecture, No. 6, and reprints, edited and enlarged, of Heath's "Practical Anatomy," and Flower's "Diagrams of the Nerves of the Human Body." He was married, Dec. 11th, 1867, to E. Corinna, daughter of Jefferson Borden, Esq., of Fall River, Mass.

GARRETSON, JAMES EDMUND, Philadelphia, was born in Wilmington, Del., Oct. 4th, 1828. Receiving his preliminary education at the Mantua classical institute, Del., he was subsequently for several years engaged in medical study under the supervision of private teachers, having attended twenty-four courses, principally on anatomy, surgery and obstetrics. In 1857 he entered the med. dep't of the univ. of Pa., receiving his degree in 1859. In the following year he succeeded to the lectureship of anatomy in the Philadelphia school of anat. and surgery, and in 1865 was elected prof. of the prin. and prac. of general surgery in the Philadelphia dental coll. This position he subsequently resigned, in order to accept the appointment of oral surgeon to the univ. of Pa. For the past fifteen years he has restricted his practice as closely as possible to the treatment of surgical diseases, especially devoting himself to the study of diseases of the mouth, jaws and face. As a surgical author he has published "Diseases and Surgery of the Mouth, Jaws, and Associate Parts" (8vo. pp. 700), and "A System of Oral Surgery," (8vo., pp. 1100). He has also been a considerable as well as a successful contributor to general literature, his best known works being, "Odd Hours of a Physician;" "Thinkers and Thinking;" "Two Thousand Years After; or, A Talk in a Cemetery," and "Hours with John Darby."

ANDREWS, EDMUND, Chicago, Ill., was born April 22d, 1824. He received his education at the univ. of Mich., from which he graduated A. B. in 1849, and A. M. and M. D. in 1852. His first location was in Ann Arbor, Mich., at which place he remained till 1856, when he removed to Chicago, the place of his present residence. He was appointed demons. of anat. and prof. of comparative anat. in the univ. of Mich., afterwards demons. of anat. in the Rush med. coll., Chicago, and subsequently prof. of prin. and prac. of surgery and of clin. and military surgery in the Chicago med. coll., and served since 1859 as surg. of the Mercy hosp. He is a member of the Am. med. asso.; of the Am. asso. for the advancement of science; of the Mich. State med. soc.; of the Ill. State med. soc.; Chicago acad. of sciences; Wis. acad. of sciences; the Chicago med. soc., etc., etc. He has contributed many articles to various medical journals, principally on statistical surgery, orthopedic surgery, and operative surgery. He gathered and published statistics showing the failure of the system of licensed prostitution, and collected and published statistics of 92,815 cases of anæsthesia by ether, and of 117,078 cases by chloroform, showing the relative risk of the use of chloroform and ether. Beside these he founded and conducted for three years the *Peninsular Medical Journal.* During the war he occupied the position of surg. of the 1st reg. Ill. light artillery. He assisted in founding the Chicago acad. of sciences, and acted as its president for several terms, and was also one of the founders of the Chicago med. coll., and trustee of the Northwest univ. He married, April, 1853, Eliza, daughter of N. T. Taylor, of Detroit, Mich.

CROSBY, ALPHEUS BENNING, New York, was born, Feb. 22d, 1832, at Gilmantown, N. H. He is the son of Dixi Crosby, M. D., LL. D., and the grandson of Asa Crosby, M. D. His family has resided in this country since the settlement of New England by the Puritans, and has included among its members no less than sixteen physicians. Receiving his preliminary training at Moors charity school, he entered Dartmouth coll., graduating therefrom in 1853, and from the med. dep't of the same institution in 1856. Locating at Hanover, N. H., in 1856, he the same year became demons. of pathological anat. at Dartmouth coll.; adjunct prof. of surgery in 1862 at Dartmouth coll.; prof. of surgery, Dartmouth coll., 1866; professor of surgery, univ. of Vt., 1865; lecturer on surgery at med. school of Bowdoin coll., 1868; prof. of surgery, univ. of Mich., 1869; prof. of surgery, Long Island coll. hosp., 1871, and prof. of anat., Bellevue hosp. med. coll., 1872. Among the societies of which he is a member are the N. H. State med. soc., serving as president, 1876–77; Vt. State med. soc.; Connecticut river valley

med. soc.; White mountain med. soc.; Washtenau co. (Mich.) med. soc.; Kings co. (N. Y.) med. soc.; Queens co. (N. Y.) med. soc., hon. member; New York pathological soc.; New York co. med. soc.; N. Y. med. journal asso.; N. Y. public health asso., and the American med. asso. Included in his contributions to literature, the most important are "A Month in a Volunteer Camp;" "Foreign Bodies in the Knee-Joint, with an Account of Seven Successful Operations for their Removal;" "A Successful Case of Ovariotomy;" "A Series of Papers on Abscess;" "A Case of Siamese Twins, with an Operation for Vesico-vaginal Fistula;" "A Case of Ovariotomy;" "An Essay on Pain;" "Gunshot Injuries of the Knee-Joint, Requiring Amputation;" "A Contribution to the Medical History of New Hampshire;" "An Address Commemorative of Prof. Reuben Dimond Mussey, M. D., LL. D.;" "An Eulogy on Nathan Lord, D. D., President of Dartmouth College;" "An Address Commemorative of Prof. David S. Conant, M.D.;" "Enthusiasm the Condition of Professional Success;" "Septicæmia;" "The First Operation on Record for the Removal of the whole Arm, Scapula and three-fourths of the Clavicle;" "A Lost Art in Surgery;" "General Considerations in regard to Fractures;" and "Common Sense in the Sick-Room." During the late civil war he served as surgeon of the 1st reg. N. H. vols.; as brigade and division surgeon on the staff of Gen. Stone, and as med. director on the staffs of Gen'ls Sedgewick, Casey and Peck. He has also been attached as ass't surg. to the U. S. marine hosp., Boston, and as surg. of the univ. hosp., Mich.; Long Island coll. hosp., and Bellevue hosp. He was married in Baltimore, Md., July 27th, 1862, to Mildred Glassell, only daughter of Dr. William R. Smith, of Galveston, Texas.

HOLLISTER, JOHN HAMILCAR, Chicago, Ill., was born at Riga, Monroe co., N. Y., Aug. 5th, 1824. He is, in both lines, of revolutionary descent. He was educated at the Rochester collegiate institute, and graduated from the Berkshire med. coll., Nov. 7th, 1847, settling at Grand Rapids, Mich., in which he remained till 1855, when he moved to Chicago, Ill., where he has since resided, engaged in general practice and in medical teaching for the entire period. In 1863 and 1864 he was surgeon of the Mercy hosp., and from 1862 to 1866 of the Chicago soldiers' home, performing at both institutions numerous capital operations. He is a member of the Am. med. asso., of which he was the local secretary, 1877; of the Ill. State med. soc., of which he has been president, and is treasurer, as he has been for the last fifteen years, excepting only the year of his presidency; and of various local medical societies at home and elsewhere; is one of the charter members of the Chicago med. coll., in which he has held a professorship for eighteen years, being now prof. of pathology and pathological anatomy; and one of the founders of the Chicago acad. of sciences; and was a delegate from Illinois to the Centennial med. congress. His literary contributions are made up of papers read before the Ill. State med. soc., and of numerous articles in the medical journals of the day. In the civil war he was contract surgeon under Col. Mulligan at Camp Douglas, Ill., and for four years surgeon of the soldiers' home at Chicago. He is, and has been for six years, clinical prof. of medicine in Mercy hosp.; was president of the Young Men's Christian asso. of Chicago in 1862; and is a member of various civic societies, clubs, etc. He was married, Jan. 2d, 1849, to Jeannette Windiate, still living, and has had three children, of which only one survives.

MACKALL, LOUIS, JR., Georgetown, D. C., was born, April 10th, 1831, in Prince George's co., Md. He is a son of Dr. Louis Mackall and Sarah Somerwell Mackall. His ancestors emigrated from Scotland, and settled in Calvert co., Md., about two hundred years ago. He was educated in Georgetown, D. C., at W. R. Abbott's classical seminary, and the Georgetown coll., graduating in medicine from the univ. of Md. in March, 1851. He settled immediately at Georgetown, where he has since resided. He is a member of the med. soc. of the District of Columbia, of which he was formerly corresponding secretary and vice-president; and of the med. asso. of the District of Columbia, of which he is now president; formerly held the chair of clin. med. in the med. dep't of Georgetown coll.; and subsequently prof. of physiology in the same institution. He has written articles on the "Treatment of Diphtheria with Permanganate of Potassa;" "Treatment of Epilepsy with Chloral;" "Cases of Ruptured Uterus;" "Cerebo-spinal Meningitis;" "Hydrophobia;" "Addison's Disease," etc., etc. He was married in 1851 to Margaret W. McVeam, of Georgetown, D. C.

REED, JOSEPH ALLISON, Dixmont, Pa., of Scotch-Irish descent, was born at Washington, Pa., Dec. 31st, 1823. Entering Washington coll. in 1837, he graduated thence A. M. in 1842, and after attending one course of lectures at the univ. of Pa.

was a student at Jefferson med.coll. until 1847, when he received his degree of M. D. In the same year he established himself in general practice in Allegheny City, Pa., and was so engaged until 1857, when he was appointed med. sup't of the western Pa. hosp. for the insane, at that time located in the city of Pittsburgh, and just opened for the reception of that class of patients. Thence onward he made the treatment of the insane his exclusive study and practice, his efforts meeting with very encouraging results. He solicited and obtained from the legislature the necessary appropriation for a new hospital building, to be located in the country, seven miles west of Pittsburgh, on the north bank of the Ohio river, and under his immediate supervision the present exceptionally commodious edifice at Dixmont was erected. Upon its completion in 1862 he organized and has since superintended its workings, making it one of the leading institutions of the sort in the country. He has had under his care, during his twenty years' service, 3,174 patients. He is a member of the Allegheny co. med. soc.; Am. asso. of med. sup'ts of insane asylums; Am. social science asso., etc. His annual reports for the past twenty years, to which his publications have been confined, constitute a valuable addition to the literature of his specialty. Beside his position as superintendent of the western Pa. hosp., he has filled the following offices: phys., for three years, to the Western Pa. house of refuge; member of the commission appointed by the legislature to superintend the erection of the Danville insane asylum; member of the commission appointed by the legislature to report on the care of the criminal insane; and member of the committee appointed by the Am. social science asso. to report on proper provision for the insane. He married, Oct. 3d, 1848, Eliza J. Hay, of Troy, N. Y., who died Aug. 11th, 1858. He a second time married, Nov. 15th, 1860, Mary F., daughter of Dr. William M. Fahnestock, of Bordentown, N. J.

GRIFFIN, EZRA L., Fond du Lac, Wis., was born in Hillsboro', N. H., Sept. 21st, 1821; received his academical education at the Kimball Union acad., Meriden, N. H., and at Dartmouth coll.; and graduated in 1849 from the Berkshire med. coll., Pittsfield, Mass., settling first at Nashua, N. H., and then at Derry, N. H., whence, in 1855, he removed to Fond du Lac, Wis. His career, though crowded with steady, earnest work, has not been especially marked by salient incidents. He is a member of the Wis. State med. soc., of which he was vice-president in 1872. He has written memoirs of Dr. M. C. Darling, Dr. H. M. Lilly, and Dr. Moses Barrett; and is the author of a report on "Vaccination," and one on "Compulsory Vaccination," and of a paper on "Small-Pox." He is president of the Wis. State board of health, and proprietor of the Northwestern vaccine institution, established in Nov., 1872. He is married to Abby M. Mason, daughter of the Rev. Samuel Mason, of Newburyport, Mass.

WHITE, JOHN LANE, of Bloomington, Ill., was born in Westminster, Mass., Dec. 5th, 1832. He is a lineal descendant from "Mayflower" stock. He was educated in Westminster and at the Williston seminary, in East Hampton; pursued his medical studies at the Harvard med. coll., from which he graduated in Dec., 1853. He first settled in Jerseyville, Ill., in the autumn of 1854, but subsequently moved to Bloomington in March, 1870. Previous to his graduating, however, he had been for some months one of the medical house pupils of the Mass. gen. hosp., and subsequent to that event he passed a few months in foreign travel. He is a member of the Ill. State med. soc., and of the Jersey and McLean co. med. soc. Of the former he was first vice-president during 1876, and has held the position of president of the latter. He has at various times contributed articles on medical subjects to sundry journals. During the war of the rebellion he was surgeon of the board of enrolment of the 10th congressional dist. He has been for five years dist. surg. of the Chicago & Alton railroad. He married, Feb. 10th, 1857, Harriet, daughter of Samuel Hawley, Esq., of Jerseyville, Ill.

HUTCHINSON, JAMES H, was born at Cintra, Portugal, his father being an American merchant, a native of Philadelphia, there resident. He was educated in America, and in March, 1858, received his degree of M. D. from the univ. of Pa. Upon graduation, he established himself in practice in Philadelphia, where he has since remained. He is visiting phys. to the Pa. hosp. and to the Children's hosp.; is a member of the co. med. soc., of the pathol. soc., and of the Philadelphia coll. of phys. He has contributed to the *American Journal of Medical Sciences*, to the "Transactions" of the coll. of phys., and has edited editions of Bristow's "Practice of Medicine."

COLLINS, JAMES, Philadelphia, was born, Oct. 30th, 1831, at Pineville, Bucks co., Pa. He pursued his academic studies at Amherst coll., Mass., and his medi-

cal course in the med. dep't of the univ. of Pa., graduating March 15th, 1860, after which he studied in Göttingen, Germany. He settled in Philadelphia, where he has since lived, excepting the period of his service as medical officer in the U. S. army, extending from June 1st, 1861, to Sept., 1865. He is a member of the Phila. co. med. soc.; of the Northern med. soc.; and of the medico-chirurg. soc. His contributions to medical literature have consisted mainly of papers read before medical societies. He is examining surg. of the U. S. pension bureau, Phila. He was surg. of the 3d reg. Pa. res. vols., and subsequently surg. of the U. S. vols., his military service reaching from the outbreak of the civil war to the close. He was demonstrator of surgery at univ. of Pa. from 1865 to 1869; is phys. to the Philadelphia eye and ear infirmary, and also surg. of the German hosp. He was married, April 28th, 1870, to Lizzie Jones, of Philadelphia.

ALBEE, WILLIAM AUGUSTUS, Union, Knox co., Me., born in Washington, Me., Oct. 15th, 1840, educated at Maine State Seminary, Colby univ.; graduated from the Maine med. school in June, 1866, and settled first at Clinton, Me., and afterwards at Union. His specialty is diseases of women requiring surgery. He is a member of the Maine med. asso., was one of its board of censors in 1875, and vice-president in 1876; and member of the Knox. co. med. asso. His contributions to medical literature have been made to the proceedings of the above two associations. He is a member of the Masonic fraternity, of the order of Odd Fellows, and of the Knights Templar. In Oct., 1866, he married Phebe Augusta Deshon, daughter of Elijah Deshon, Esq., of Waldoboro', Me.

LAWRENCE, JONATHAN S., New York, son of Samuel and Elizabeth Lawrence, and a grandson of Jonathan Lawrence, an officer in the revolutionary war, was born at the city of New York, Jan. 1st, 1808. Educated at the classical schools of Joseph Nelson and John Walsh, and in the medical institution of Geneva coll., N. Y., he graduated M. D. from the latter in 1847, and after practising for a time in Catharine, Schuyler co., N. Y., established himself in New York city in 1855, making a specialty of operative surgery. He is a member of the New York co. med. soc.; fellow of the N. Y. acad. of med.; member of the Am. med. asso., and member of the soc. for the relief of the widows and orphans of medical men. His most important professional publication is an essay "On the Diagnosis and Treatment of Fungus Hæmatodes." He has served as clerk and treasurer of the corporation of Elmira, N. Y.; as an inspector of elections; and as a director of the Chemung national bank. During the late war he was adjutant and captain of the 217th reg., N. Y. militia, and an aide on the staff of Brigadier-General R. E. Boothe, of the 18th brig., 20th div. He married, May 22d, 1838, Mary R., daughter of Samuel Richardson, Esq., of Springport, Cayuga co., N. Y.

ASHFORD, FRANCIS A., Washington, D. C., was born in Fairfax co., Va., Sept. 19th, 1841. He graduated at the National med. coll., March, 1867, and settled in Washington, D. C., where he now resides. He is a member of the med. soc., med. asso., and clinico-pathol. soc., D. C.; perm. member of Am. med. asso.; prof. of surg. and dean of med. dep't univ. of Georgetown; one of the attending surgeons of the Children's hosp., D. C., and a member of the board of directors of Columbia hosp. He was one year res. student, four years res. phys., and four years ass't surg. of the Columbia hosp., D. C.; is now phys. in charge of diseases of females in Columbia hosp. dispensary. He married a daughter of the Hon. Moses Kelly, of Washington, D. C. Office, 1330 New York ave., Washington, D. C.

DANCER, JOHN, South Milford, Ind., was born, Oct. 6th, 1830, at Savannah, Ashland co., O., of German parentage. Receiving an academic education, he subsequently entered the Rush med. coll., Chicago, and Bellevue hosp. med. coll., New York, graduating from the former institution, with the degree of M. D., Feb. 15th, 1860. Locating in the practice of his profession at Auburn, Ind., he afterward removed to his present residence. He is a member of the N. E. Ind. med. asso., of which he was elected president June, 1874, and treasurer in June, 1876. He has held the positions of school and township trustees in Indiana. He was married, Oct. 14th, 1860, to Isabell H., daughter of N. R. Hodge, Esq., of South Milford.

LOMAX, JOSEPH D., Troy, N. Y., was born in England, April 4th, 1829, of ancestry originally French. He came to this country in 1832, and after completing his education was for many years engaged as teacher in a private classical school. He studied medicine at the coll. of phys. and surg. in N. Y., and at the Long Island hosp. coll., Brooklyn, graduating at the former in

1862. After serving for sixteen months in the hospital of the Colored home, New York city, he removed to Troy in 1863, and was soon after appointed med. sup't of the Marshall infirmary and Rensselaer co. insane asylum, a position he still holds. He is a member of the Rensselaer co. med. soc., was elected in 1863, has been its librarian and one of its censors, is now on the committee of ethics, and a delegate to the State med. soc. in 1875. He is the reporter of "Cases of Cancer of the Stomach," *American Medical Times;* "Cancer of Stomach;" "Heart Clot;" "Tumor in the Brain;" "Bright's Disease and Cirrhosis;" "Aortic Disease," etc., in *Medical and Surgical Reporter;* "Gall Stones," in Transactions of N. Y. State med. soc., 1875. He is a member of various scientific associations in the city of Troy. In 1864 he married Isabella, daughter of James Marr, of Troy, N. Y.

PATTERSON, DUNCAN NATHANIEL, Mangum, N. C., was born at the Beaver Pond, Moore co., in that State, Nov. 17th, 1827. He is descended from stock purely Scotch, his mother being a native of Scotland. His academical education was obtained in the schools of his county, and his medical studies were pursued at the Jefferson med. coll., Philadelphia, where he graduated in 1854, immediately after settling in Mangum. His specialty is gynæcology, although he has a general practice. He is a member of the Pee Dee med. asso., of which he is one of the founders; also of the med. soc. of the State of N. C., being twice its president, in 1870 and 1874. He has made some contributions to medical literature, among them being one on "Peri-Uterine Cellulitis." He was married twice: first to Caroline A. Smith, in April, 1859; she died in 1863, and in 1867 he married Mary Jane, daughter of S. H. Christian, Esq., of New York. She also died, in July, 1875.

BUCKINGHAM, RICHARD GREEN, Denver, Col., son of Gideon Buckingham and Maria (Jutau) Buckingham, was born in Troy, N. Y., Sept. 14th, 1816. He is a descendant of Capt. Florence Crowley, of the revolutionary army. His education was received at the Troy high school and Rensselaer institute, and his medical studies were pursued at the Berkshire med. coll., Pittsfield, Mass., and at the Jefferson med. coll., Philadelphia. He graduated M. D. in 1836. He first settled at Montevallo, Shelby co., Ala., where he remained till 1841, and then removed to St. Louis, Mo. He, in 1842, again removed, this time to Lexington, Lafayette co., Mo., where he remained till 1863, and finally settled in Denver. During his professional career he has performed some important surgical operations. He is a member of the Denver med. soc., and Am. med. asso., president of the former in 1871; also first president of the Col. State med. soc. He has occasionally contributed articles on medical subjects to the journals of the profession. He held the position of phys. and surg. to St. Louis marine hosp. in 1841 and 1842, and was for three years, from its first organization, and is also at present time, president of the board of trustees of the deaf-mute institute of Colorado. He is also president of the Denver board of education, has been a senator of the Col. general assembly, and is now mayor of the city of Denver. In 1839 he married Caroline Maria, daughter of Jacob P. De Forest, Esq., of St. Louis, Mo.

WELCH, WILLIAM M., Philadelphia, was born, Sept. 12th, 1837, at Bethlehem, Hunterdon co., N. J., where his father pursued the occupation of a farmer. His ancestry is American. He received his medical education at the univ. of Pa., from which he graduated in 1859. The following year he settled in Philadelphia. He is a member of the Philadelphia co. med. soc., of which he was elected treasurer in 1869; the Northern med. asso., of which he was president in 1869; and the Am. med. asso. He is the author of several papers on medical subjects, and of a report on the epidemic of small-pox in 1871–72. In the civil war he served for two years as act. ass't surg. in the U. S. army. He was elected phys. in charge of the municipal hosp. in 1870, which position he still holds; has been since 1865 one of the attending physicians to the Northern home for friendless children; served for five years as attending phys. to the Northern dispens., to which he is now one of the consult. physicians; and was for five years in the medical board of Charity hosp. He was married in 1863 to Mary Elizabeth, daughter of Robert Wood, Esq., manufacturer of ornamental iron works and bronze statuary.

GETCHELL, FRANCIS HORACE, was born in Waterville, Me., Dec. 8th, 1836, his family, resident for six generations in America, being originally of English extraction. His great-grandfather served as a surgeon in the war of the revolution, and his grandfather was a captain in the war of 1812. Receiving his primary education at the Watertown acad., he entered Bowdoin coll., passing thence to the med. dep't of Dartmouth coll., whence he graduated M. D. in 1859. He

established himself in Brooklyn, but upon the breaking out of the war he entered the U. S. service as ass't surg., being attached to the 3d Me. (Col. O. O. Howard's) reg. He remained with the army, in field or hospital duty, until the end of the war. Upon being mustered out of the service, he established himself in Philadelphia, where he has since remained. In 1872, having a second time attended lectures, he received the degree of M. D. from Jefferson med. coll. While engaged in a general practice, he devotes especial attention to obstetrics and gynæcology; is clinical lecturer upon the dis. of women to Jefferson coll.; gynæcologist to the Jefferson coll. hospital, and obstetrician to the Catherine street dispensary. He is a fellow of the coll. of physicians, member of the pathолog. soc., and a corres. member of the gynæcol. soc. of Boston. For several years he has been a liberal contributor to medical periodicals, and is the author of a standard work upon the "Maternal Management of Infancy." He was married, Dec. 30th, 1863, to T. C., daughter of the late Major Levi Twiggs, U. S. marine corps.

THOMAS, CHARLES HERMON, Philadelphia, was born, Dec. 4th, 1839, near Saratoga, N. Y. He was educated at the Ballston Spa acad. and Prof. Youmans' chemical laboratory, and pursued his professional course in the med. dep't of the univ. of Pa., graduating in March, 1865. He settled in Philadelphia. While his practice is general, he gives special attention to surgery, ophthalmology and gynæcology. His notable cases include ovariotomy, amputations, neurotomy, ruptured perineum, cataract, and the various other operations on the eye. He is a member of the coll. of phys.; the acad. of natural sciences; the pathолog. soc.; and the obstet. soc., of the council of which last he was elected a member in 1876, and re-elected in 1877. In the fall of 1861 he joined the New York volunteers, but in the course of a few months was made hospital steward of regulars, and ordered to Philadelphia, where he served in that capacity till within a few months of the close of the war, during which he served as act. ass't surg. in the U. S. army. He officiated as resident surg. in the Wills' ophthalmic hosp. for one term, and four months in the surgical wards of the Pa. hosp. For the five years succeeding 1867 he was ass't phys. and clin. lecturer at the Philadelphia lying-in charity, and from 1867 to 1876 prof. of mat. med. and therapeutics in the Woman's med. coll. of Pa., and during the same period surg. and ophthalmologist to the Woman's hosp. He was married, March 18th, 1873, to Eliza M. Kirk, widow of Gen. Edward N. Kirk, of Illinois.

JEFFRIES, B. JOY, Boston, Mass., son of Dr. John Jeffries and Ann Geyer Amory, was born in Boston, Mass., March 26th, 1833. He was educated at the Boston Latin school, and graduated at Harvard univ., 1854. He also studied medicine in the med. dep't of the same institution, whence he graduated M. D. in 1857, and, after two years' study in Europe, settled in Boston, making a specialty of diseases of the eye and diseases of the skin. He is a member of the Mass. med. and of the Am. ophthalmolog. socs.; also of the Boston soc. of med. observation; and of the Boston soc. of nat. hist. His contributions to medical literature are, among others: "The Eye in Health and Disease," 1871; "Animal and Vegetable Parasites of the Human Hair and Skin," 1872; "Boylston Prize Essays on Diseases of the Skin;" "Enucleation of the Eyeball," Mass. Med. Soc.'s Publications; "105 Cases of Cataract Operations," etc., etc. He holds the positions of ophthalmic surg. to Mass. charitable eye and ear infirmary, ophthalmic surg. to Carney hosp., and of ophthalmic surg. to New England hosp. for women and chil. In Jan., 1872, he married Marian Shimmin, daughter of Charles Shimmin, Esq., of Boston, Mass.

BREINIG, PETER BENJAMIN, Bethlehem, Pa., a great-grandson of George Ludwig Breinig, who immigrated to this country from Germany in 1749, founded Breinigsville, now in Lehigh co., Pa., and held a colonel's commission in the Continental army, was born in Breinigsville, March 29th, 1829. Having received an academical education, he entered the med. dep't of the univ. of N. Y., 1851, and was graduated thence M. D. in 1856. From 1856 to 1871 he was actively professionally engaged in Hellertown, Northampton co., Pa.; in the winter of 1871-72, until July, attended special lectures at the Algemeiner Krankenhause, Vienna; passed the fall of 1872 in the London hospitals, and in Jan., 1873, established himself in Bethlehem, Pa., limiting his practice to office and consultation. Among his important cases may be mentioned the successful removal—in connection with Dr. W. B. Erdman, of Macungie, Pa.—of an ovarian tumor, weighing fifty pounds—patient recovered. He is one of the consult. physicians and surgeons of St. Luke's hosp., Bethlehem; a member of the Northampton co. med. soc. (president in 1871); of the Pa. State med. soc., and of the Am. med. asso. He married, Feb. 28th, 1860, Isabella A., daughter of the

late Jacob Apple, Esq., of Northampton co., Pennsylvania.

MEACHEM, JOHN G., Racine, Wis., son of the Rev. Thomas and Eliza (Goldesbrough) Meachem, was born at Axbridge, Somerset, England, May 27th, 1823. Educated under the tutorship of his father, at the academies of Canandaigua, N. Y., and Richmond, and at the Castleton, Vt., med. coll., he graduated from the last-named institution in 1843. In 1862 he received the degree of M. D. from the Bellevue hosp. med. coll.; also from 1843 to 1862 he practised in New York, at Weathersfield, Bethany, and Warsaw; and since 1862 has been in practice at Racine. Among his notable cases have been lithotomy, ovariotomy, ligation of the common carotid for large occipital aneurism, and other capital operations. He is a member of the Am. med. asso.; Wis. med. soc., and Racine med. soc., of which latter he has served for two years as president, and for five years as secretary; while resident in New York was a member of the Wyoming co. med. soc., serving for four years as its president, and for eight years as its secretary. Among his published papers are articles treating of "Ligation of the Carotid;" "Medical Education;" and "Strumo-Syphilis;" "Insanity Produced by Bronchial Disease." In 1862 he was appointed enrolment surgeon for Wyoming district, N. Y.; served in 1863 as surgeon to Camp Utley; and is at present (1877) surgeon to St. Luke's hosp., Racine. In April, 1876, he was elected mayor of Racine, an office that he still holds. He has been an active member of the Episcopal church, having served as a member of the standing committee of the diocese of Wisconsin, and of the missionary board; was warden of Trinity church, Warsaw, N. Y., for eight years, and is at present senior warden of St. Luke's church, Racine, which office he has held for twelve years. He married, June 25th, 1844, Myraette, daughter of the late Reuben Doolittle, of Weathersfield, N. Y., and sister of Senator J. R. Doolittle, of Wisconsin.

MITCHELL, WILLIAM STANTON, of New Orleans, La., was born in Natchez, Miss., Sept. 25th, 1835. He was educated in the New Orleans high school, and the Kentucky military institute at Frankfort, in that State, receiving the degrees of A. B. and C. E. in 1855, and A. M. in 1873 from the latter. In 1859 he graduated at the New Orleans school of medicine, and immediately commenced practice at New Orleans. His specialty is surgery, and he held the position of professor of ophthalmic surgery in the New Orleans school of medicine during the existence of that institution. From 1869 to 1872 he was editor of the *New Orleans Journal of Medicine*, and during the civil war was surg. of the 1st reg., La., Confederate States army, and subsequently surg.-in-chief of Rhodes' div. Confederate States army. In 1865 he married Frances E., daughter of James A. Pugh, Esq., of Lafourche, La.

HORTON, GEORGE FIRMAN, Terrytown, Pa., was born at Terrytown, Bradford co., Pa., Jan. 2d, 1806. He is the son of Major John Horton, a lineal descendant of Barnabas Horton, who emigrated from England to this country in 1638, and settled permanently at Southold, L. I., in 1640, and of Deborah Terry, a lineal descendant of Richard Terry, who came from England in 1635, and settled also in Southold, L. I., in 1640, she herself belonging to the history of the country, having been one of the inmates of the famous Forty Fort the night after the battle and massacre at Wyoming in 1778. He was educated in the common schools of his native township, and at the Rensselaer school (now Rensselaer polytechnic institute) in Troy, N. Y., from which he graduated in 1827, commencing soon after the study of medicine, under Dr. Samuel Hayden, and in 1828 and 1829 attending lectures in the med. dep't of Rutgers coll., in the city of New York. He began the practice of medicine in his native town in the autumn of 1829, and has practised there ever since, still making his professional rounds on horseback, a mode of locomotion which, though he began it from necessity, he continues from choice. The honorary degree of M. D. was conferred on him by the Geneva (N. Y.) med. coll. In 1830 he espoused the temperance cause, to which he still firmly adheres, seldom using alcoholic preparations even as a remedy for disease. He was a member of the American anti-slavery soc., from near the time of its formation until its dissolution after the extinction of slavery, voting for James G. Birney in 1840, and subsequently for the abolition ticket at every election until the emancipation proclamation was issued by President Lincoln. He is a member of the med. soc. of the State of Pa., of which he was President in 1862; the Bradford co. med. soc., which he actively assisted in organizing in 1849; and the Am. med. asso., in which he has represented the State med. soc., as he has also represented it in the State societies of N. Y. and Conn. Several of his reports of cases have been published in the Transactions of the Pa. State med. soc.; as also a paper of his on "Intermittent Fever," and his

"Report on the Geology of Bradford co.," accompanied by a geological map. He has recently compiled and published "The Horton Genealogy," a handsome octavo volume, with engravings, and portraits of members of the family. For twelve years he was treasurer and town clerk of his township, and from 1830 to 1850 postmaster at Terrytown. He was one of the auditors of Bradford co. in 1836–37–38; and in 1872 he was elected one of the delegates from the fourteenth senatorial district to the late constitutional convention of Pennsylvania, in which he served until the convention closed its labors in Dec., 1873. From 1829 to 1835 he was surg. of the 15th reg. of Pa. militia. He was married at Terrytown, June 4th, 1832, to Abigail Terry, daughter of William Terry, Esq., and has had eight children, of whom five are now living.

TRESCOT, GEORGE EDWARD, Greenville, S. C., was born in Charleston, S. C., Dec. 30th, 1833. His parents were Henry and Sarah Trescot, whose ancestors have resided in South Carolina for 150 years. He was educated at Charleston coll., and in the med. coll. of the State of South Carolina, graduating in 1856, and establishing himself first in Charleston, but finally settling in Greenville in 1873. He is a member of the med. soc. of S. C., and of the S. C. med. asso. —recording secretary of the latter in 1858 and 1859. He has contributed some articles to the *Charleston Medical Journal;* the *Richmond and Louisville Medical Journal;* and to the Transactions of the State asso. He was house phys. in the Roper hosp.; quarantine master and phys. of the lazaretto, at Charleston, respectively, in 1856, 1857, 1858; prof. of mat. med. and therap. in the med. coll. of the State of South Carolina, and dean of the faculty from 1869 to 1873. During the war he was attached to Lane's N. C. brigade, Confederate States army, as surgeon.

RANNEY, MARK, Mount Pleasant, Ia., was born at Westminster West, Windham co., Vt., July 7th, 1827. Having received an academical education, he entered the Vermont med. coll. at Woodstock, graduating thence in June, 1849. Immediately upon his graduation he was appointed ass't phys. to the Butler hosp. for the insane, Providence, R. I., a position that he filled until 1854, when he was appointed ass't phys. to the McLean asylum, Somerville, Mass. Here he remained until 1865, when he was elected sup't of the Iowa hosp. for the insane, Mt. Pleasant, a position that he has since continuously held save in 1873–75, when he was in charge of the asylum at Madison, Wis. He is a member of the Mass. and Iowa med. socs., and has for some time been lecturer on insanity, in the Iowa univ. His only published works have been papers read before the association of superintendents of hospitals for the insane and printed in the Transactions of that body. He married, Oct. 2d, 1865, Martha Wright, daughter of Thomas Sawyer, Esq., of Sterling, Mass.

JENNINGS, ROSCOE GREENE, Little Rock, Ark., was born in Leeds, Kennebec co., Me., June 11th, 1833, of English ancestry, who settled in this country in the early colonial period, near the end of the seventeenth century. He received his earlier education at the Wayne High school (under the instruction of Gen. O. O. Howard), and was also a student at Monmouth acad., and Kent's Hill, Readfield Seminary. He entered the office of Alonzo Garcelon, M. D., at Lewiston, Me., in the spring of 1853, with whom he pursued his professional studies until he graduated. He attended medical lectures at Dartmouth coll., and at the medical school of Maine, graduating at the latter in 1856. He commenced practice immediately after at Lapeer, Mich., but removed to Washington, Hempstead co., Ark., in the winter of 1857 and 1858. In 1864 he settled in Little Rock. He is a member of the Macombe co. (Mich.) med. and of the Little Rock and Pulaski co. med. socs.; of the coll. of phys. and surg. of Little Rock, Ark.; the State med. soc. of Ark., of which he is the present secretary; and the Am. med. asso. He is the author of various papers contributed to the medical journals and of works on the sanitary condition, and vital statistics of the city of Little Rock. In 1866 he was alderman of the city of Little Rock. During the civil war he held the position of surg. of 12th Ark. reg., division surg. of Gen. J. R. Jackson's command, U. S. army. In 1864 acted as contract surgeon U. S. army, at St. John's hosp.; officers' hosp.; small-pox hosp.; refugee and freedmen's hosp.; has been examining surgeon for government pensions since 1865, and was surg.-gen. of Ark. during the State revolution in 1874. Was a director of the Merchants' national bank several years, and its vice-president in 1870. He married, April 29th, 1869, Gertrude E., daughter of William A. Elliott, Esq., of Camden, Ark.

CARPENTER, HORACE, Salem, Oregon, was born in Connersville, Ind., Dec. 19th, 1826, of American parentage, his father being a physician of Massachusetts

and his mother a native of New York. His literary education was obtained at academical institutions in Indiana, Michigan and Iowa, and his medical education at the coll. of phys. and surg. of the med. dep't of the univ. of Iowa, at Keokuk, in 1854, 1855 and 1856, and in the Long Island coll., Brooklyn, in 1860. He received the degree of M. D. from the univ. of Iowa in 1856. He began practice at Blue Grass, Scott co., Ia., in 1855, remaining there till 1860, with the exception of 1857, which he spent in Davenport. In the year 1865 he settled in Salem. His specialty is surgery, and among some of the principal operations performed by him are the successful ligation of the femoral artery, one and a half inches below Poupart's ligament, for traumatic aneurism; the relief of a false joint of the middle third of the humerus, by exsecting one and a half inches of the bone, then wiring the ends together and making a perfect union; various operations for the radical cure of internal hemorrhoidal tumor by ligation. He has performed the usual variety of amputations, including several of the arm and forearm; three of the leg, and Syme's once; he has trephined the skull, once for injury, twice for disease, with permanent relief. He is a member of the Am. med. asso., and has been a delegate to that body from the Scott co. med. soc., Iowa, and twice from the med. dep't of Willamette univ., Oregon; also a member of the Third judicial dis't med. soc. and Salem acad. of med., and the State med. soc. of Oregon. During 1870 and 1871 he was associate editor of the *Oregon Medical and Surgical Reporter*. From 1866 to 1870 he held the governmental appointment of phys. and surg. to the Oregon penitentiary; from 1861 to 1863 he was act. ass't surg. in the army, and then ass't surg. of the 1st reg. cav. Oregon vols., serving till 1865; afterwards surg. of the 1st reg. Oregon inf., serving till the close of the last-named year. He is the principal founder of the med. dep't of the Willamette univ., was nine years its prof. of civil and military surg., and for seven years the dean of the faculty in the same institution. He married, in 1850, S. A. Coshow, daughter of R. Coshow, Esq., of Blue Grass, Scott co., Iowa.

STAPLES, FRANKLIN, Winona, Minn., was born in Raymond (now Casco), Cumberland co., Me., Nov. 9th, 1833. He received an academical education, and began the study of medicine in the office of Dr. Chas. S. D. Fessenden, of Portland, Me., in 1855, attended lectures in the med. dep't of Bowdoin coll. and in the Portland school for med. instruction. In 1861 he entered the coll. of phys. and surg., New York, and was graduated thence M. D. in March, 1862. As the student and assistant of the late Dr. David Conant, he then went to the Me. med. school, having there been appointed demons. of anat. for that year. In the summer of 1862 he established himself as a general practitioner in Winona, having associated himself with the late Dr. John D. Ford. He married, June 4th, 1863, Helen M., daughter of Ezra Harford, Esq., of Portland, Me. Dr. Staples was one of the founders of the Winona prepar. med. school, and in this occupied the chairs of physiol. and of obstet. and diseases of women. In 1871 he was elected president of the Minn. State med. soc., and in 1874 was appointed a member of the Minn. State board of health, and reappointed in 1877. He is a member of the Am. med. asso., one of the judicial council of this asso., 1875–77, and vice-president in 1877. Of his professional publications may be mentioned essays upon "Catarrhal Inflammation in Uterine Disease," a prize essay of the Minn. State med. soc., in 1871; and "Influence of Climate on Pulmonary Diseases in Minnesota," Transactions Am. med. asso., 1876.

REYBURN, ROBERT, Washington, D. C., was born in Glasgow, Scotland, Aug. 1st, 1833. Immigrating to the United States he attended lectures at the Philadelphia med. coll., graduating in 1856. After practising for some six years in Philadelphia, he was appointed contract surg. in the U. S. army in 1862, and in the same year removed to Washington. In June, 1863, he was appointed ass't surg. of vols., and shortly thereafter surg., serving in this capacity during the war, and receiving the brevet rank of lieut.-col. of vols. in 1865. In 1867 he was appointed ass't surg. in the (regular) U. S. army. He is a member of the Am. med. asso.; of the Washington med. soc., at present its vice-president, and of the Washington med. asso. He was surg.-in-chief of the D. C. bureau R. F. of S. L. in 1865, and chief med. officer of the same bureau in 1870–72; president of the Washington board of health in 1868–70, and is at present one of the trustees of the Washington public school board. He was appointed prof. of clin. surg. in the med. dep't of Georgetown univ. in 1867; was appointed prof. of surg. and dean of the med. dep't of Howard univ. in 1868; was appointed prof. of princ. of surg. and micros. anat. in the med. dep't of Georgetown univ. in 1875; was appointed prof. of anat. and dean of the med. dep't of Georgetown univ. in 1876. He has contributed a number of papers to the *Ameri-*

can Journal of the Medical Sciences and to the *National Medical Journal*, among the more important of which may be mentioned: "Four Cases of Aneurism Treated by Ligation," *American Journal of the Medical Sciences*, July, 1868, p. 112; "Reduction of Dislocation of the Fourth Cervical Vertebra," *ibid.*, Jan., 1871, p. 110; "Remarks on Disease among the Freed People of the United States," *ibid.*, April, 1866, etc., etc. He was married, Feb. 5th, 1854, to Catherine, daughter of Wm. White, Esq., of Philadelphia.

IRELAND, J. ALEXANDER, Louisville, Ky., of English descent, was born in Jefferson co., Ky., Sept. 15th, 1824. Having received an English education, with some knowledge of Latin and Greek, he attended lectures in the med. dep't of the univ. of Louisville and in the Ky. school of med., receiving his degree of M. D. from the latter institution in 1851. In the same year he established himself in Louisville, and conducted a general practice in that city and surrounding country until 1864; since 1864 he has made specialties of obstetrics and gynæcology. He is a member of the Ky. State med. soc., and several local societies, and was also a member of the International med. congress at Philadelphia, 1876. In 1864 he was elected prof. of obstet. in the Ky. school of med.; in 1866, prof. of clin. med. in the univ. of Louisville; in 1867, elected the second time prof. of obstet. in the Ky. school of med.; in 1872, elected prof. of dis. of women and children in the Louisville med. coll.; in 1875, elected prof. of dis. of women and children in the Ky. school of med. His first wife was the daughter of Levin Cooper, Esq., of Jefferson co., Ky.; his second the daughter of Furtney Brown, of Louisville, Ky.

VOORHEES, CHARLES HOLBERT, New Brunswick, N. J., descended from immigrants to America from Holland in 1670; a grandson of David Voorhees, a soldier in the continental army, and a son of Ira C. Voorhees, was born in New Brunswick, Aug. 3d, 1824. Graduating from Rutgers coll. gram. school in 1842, he entered the Jefferson med. coll., and from that institution received his degree of M. D. in the spring of 1850. In the same year he established himself in New Brunswick; removed thence to Plainfield, N. J., in 1852, and in 1853 returned to New Brunswick. He is a member of the Middlesex co. med. soc., was president of that organization in 1870, and since 1868 has been its annual representative in the conventions of the N. J. State med. soc.; from the State society he has been a delegate to the conventions of the State societies of Vermont and Pennsylvania, and of the Am. med. asso. He is also a member of the N. J. micros. soc., New Brunswick hist. soc., etc. Since 1865 he has been phys. of Middlesex co. In Feb., 1862, he was appointed acting ass't surg. U. S. vol. army; was promoted to be surgeon in 1863, and in April, 1865, was mustered out of the service. He was present at the battles of Hanover, Fair Oaks, Gaines' Mill and Savage Station; was taken prisoner at the latter, and confined in the Libby prison until exchanged; was present at Coal Harbor and in the engagements before Petersburg and Richmond; and beside this active service in the field was detailed for hospital service at Craney island, Hampton, Va., and Fort Yorktown, being post surgeon at the latter station in the winter of 1863–64. He married, June 7th, 1850, Charlotte B., eldest daughter of Dr. Anthony Bournonville, of Philadelphia.

PLUMMER, ORLANDO PLEASANT SHIELDS, Albany, Oregon, of Puritan descent, was born in Greenville, Mercer co., Pa., April 13th, 1836. Having received an academical education, he entered Jefferson med. coll., whence he graduated M. D. in March, 1857. After practising successively at Moline, Ill., and Portland, Oregon, he permanently established himself in Albany, engaging in a general practice, but giving especial attention to surgery. As a surgeon he has successfully performed a number of capital operations. He is a member of the Oregon med. soc., vice-president in 1875, and of the Linn co. med. soc., president in 1876. During two terms he filled the chair of hygiene in Willamette univ., and from July, 1868, to Jan., 1875, was superintendent of the third (Oregon) district, Pacific division, Western Union telegraph company. In 1861–62 he served as contract surg. U. S. army to the general hosp. at Rolla, Mo. He married, for the second time, July 4th, 1875, Mattie E., daughter of Rev. Albert Kelly, of Portland.

SINGLETON, JAMES WILLIAM, Paducah, Ky., of English-Irish descent, son of Dr. Samuel F. and Louisa (Collins) Singleton, was born in Grant co., Ky., Aug. 23d, 1829. Having graduated in March, 1854, from the med. dep't of the univ. of Louisville—the medical faculty at that time including Gross, Miller, Palmer, Yandell, Rogers, Flint and Silliman—he practised until 1856 in Paducah; in Christian co., Ky., until 1857; in Smithland, Ky., until 1861; served in the Confederate States army during

the war (ass't surg., 1861, promoted to be surg. in May, 1863); practised at Jordan's Spring, Tenn., from 1865 to 1870; in McCracken co., Ky., from 1870 to 1874, since when to the present time (1877) he has been again settled at Paducah. He is a member of the Am. med. asso.; of the Ky. State med. soc., recording secretary in 1875–76, and was elected corres. secretary in April, 1877; of the Tri-States med. soc.; of the S. W. Ky. med. asso., secretary from 1872 to 1877; of the Mitchell district (Ind) med. soc., and of the Paducah med. club. He has furnished contributions, occasionally, to the Transactions of the several societies of which he is a member, and to medical magazines. Since 1875 he has been city physician of Paducah; since 1874 a member of the Ky. State board of medical examiners. He married, June 30th, 1857, Mary E., daughter of James M. Gofford, Esq., of Montgomery co., Tennessee.

ELIOT, JOHNSON, Washington, D. C., descended from colonial settlers of Massachusetts and Maryland, was born in Washington, D. C., Aug. 24th, 1815. From 1828 to 1839 he was engaged in the drug business; in the latter year he began the study of medicine under Dr. Thos. Sewall—being at the same time steward in the naval hosp.—matriculated in the med. dep't of Columbia univ., and in 1842 received from that institution his degree of M. D. Immediately upon graduation he was appointed demons. of anat. in Columbia univ., and in 1850 was appointed prof. of anat. in the univ. of Georgetown. In 1861 he resigned the chair of anat. and accepted the chair of surg. in the same institution, retaining the latter until 1876, when he was made emeritus prof. of surg. and prof. of clin. surg. For the past sixteen years he has been dean of the university. He is a member of the D. C. med. soc., president in 1874, at present (1877) one of the board of censors; of the D. C. med. asso., at one time vice-president, and has been annually since 1852 a delegate to the conventions of the Am. med. asso. Since 1864 he has been surg. to the metropolitan police force; was in 1861–62–63–64 phys. to the city small-pox hosp., and is at present attending surg. to the Providence hosp.; consult. surg. to St. Ann's infant asylum, Columbia hosp. and children's hosp. He received from Georgetown univ., in 1869, the honorary degree of A. M., and in 1872 that of doctor of pharmacy. He married, in 1850, Mary John, daughter of John Llewellin, Esq., of St. Mary's co., Maryland.

BONTECOU, REED BROCKWAY, Troy, N. Y., was born at Troy, N. Y., April 22d, 1824. He is of Huguenot descent on his father's side, and on his mother's, Scotch. He was educated at the high school, academy, and Rensselaer polytechnic inst. of Troy, and Poultney acad., Vt. Studied medicine with Dr. A. G. Skilton, Dr. Thomas C. Brinsmade and Dr. John Wright, of Troy. He attended the med. dep't of the univ. of N. Y. in 1844 and 1845, and graduated at the Castleton med. coll., Vt., May, 1847, when he at once entered into practice with his preceptor, Dr. Thos. C. Brinsmade, and has always resided in his native city. In 1846 he made a voyage up the Amazon river, passing the whole of that year exploring the regions round about in the interest of natural science. His notable cases embrace the "Ligature of the Right Sub-clavian Artery for Traumatic Aneurism," reported in the Transactions of the N. Y. State med. soc., 1858; "Operation for the Radical Cure of Umbilical Hernia," reported in the *American Medical Monthly*, Nov., 1858; "Ligature of Right Iliac Artery for Aneurism," reported in the *New York Medical Journal*, 1876; "Ovariotomy, including both Ovaries," 1867; "Lithotomy," 1874; numerous cases of "Tracheotomy," "Strangulated Hernia," and several cases of "Pelvic Abscess, from Perforation of the Appendix Vermiformis," cured by operation, reported in the Transactions of the N. Y. State med. soc., 1873; two cases of "Inverted Uteri, reduced by an Improved Method," reported in the Transactions of the Am. med. asso., 1875; and has contributed to various journals reports of interesting cases. He is a member of the Rensselaer co. med. soc., permanent member of the N. Y. State med. soc. and the Am. med. asso. For several years he held the office of coroner and examining surg. for pensions. He was surg. of the 2d N. Y. vols. from the organization of the regiment, April, 1861, until he was commissioned surg. of vols., Sept., 1861, taking part in the battle of Big Bethel, Va., June 10th, 1861, and present at the fight between the "Monitor" and "Merrimac." He was in charge of the Hygiene U. S. army general hosp. at Fortress Monroe, Va., from Sept., 1861, until its destruction, Sept., 1862, when he was ordered to the army of the Potomac, and put on duty by the surg.-gen. in his office for a short time, after which he was ordered to the department of the South, and placed in charge of one of the hospitals at Beaufort, S. C., and subsequently appointed chief medical officer of all the hospitals there. He went with medical director C. H. Crane, U. S. army, to

the iron-clad attack on Fort Sumter, and shortly afterwards was put in charge of the hospital steamer "Cosmopolitan," lying off Charleston, during the siege of that place, and collected the sick and wounded from all points below on the Atlantic coast and transferred them to Hilton Head, Beaufort and New York city. In the early part of Oct., 1863, he was ordered to Washington, D. C., to take charge of the Harewood U. S. army general hosp., where he continued on duty until its discontinuance, in May, 1866, and thereafter being employed until mustered out, in June, 1866, on various boards of investigation by order of the surgeon-general. During this period of military service, exceeding five years, he repeatedly performed all the important operations in military surgery, and originated and practised the application of photography to military surgical histories. He was one of the largest contributors to the "Surgical History of the War" and to the army medical museum. The Transactions of the Am. med. asso. for 1876, giving a résumé of all the operations on the larger joints, frequently refer to him as an operator. He was brevetted lieut.-col. and col. of vols., March 13th, 1865, for faithful and meritorious services during the war. He was married, July 18th, 1849, to Susan Northrup. Of six children, one was born in the hospital at Fortress Monroe, Va., Nov., 1861, and one at Harewood hospital, Washington, D. C., in 1864. Two only are living, a son and a daughter.

ALDEN, EBENEZER, Randolph, Mass., son of Dr. Ebenezer and Sarah Bass Alden, was born in Randolph, Mass., March 17th, 1788. He graduated at Harvard coll. in 1808, receiving the degree of A. M. in 1811, and in the same year receiving from the med. dep't of Dartmouth coll. the degree of M. B., and in the following year that of M. D. from the med. dep't of the univ. of Pa. He has never removed from his native town. He is a member of the district med. soc. of Norfolk co., of which he has been president; the Mass. med. soc., of which he has been counsellor and vice-president; the Am. med. asso.; and is an honorary member of the Conn. med. soc.; he is a member of the New England historic genealogical soc., and of the Am. antiq. soc. His principal writings consist of an "Address before the Dartmouth Medical Society," 1819; an "Historical Address before the Massachusetts Medical Society," 1838; the "Early History of the Medical Profession in Norfolk County, Massachusetts," 1853; and the "Alden Memorial," 1867–69. He is a trustee of Amherst coll. and of the Andover theol. seminary. He was married, April 14th, 1818, to Anne Kimball, who died April 14th, 1871.

MCCONAUGHY, JAMES, Mount Pleasant, Pa., was born, Nov. 4th, 1810, near Ligonier, Westmoreland co., Pa., his parents being of Scotch-Irish descent. He received an academic education at Cannonsburg, Pa., and afterward attended one course (1838–39) of lectures at Jefferson med. coll., graduating from the latter institution in 1845. Locating first at Pleasant Unity, he, in Nov., 1840, removed to Mount Pleasant, where he has since remained in the practice of medicine and surgery. His three brothers, son, and himself, are all graduates of the same medical school, and are now engaged in the practice of the profession. He was vice-president of the med. soc. of the State of Pennsylvania in 1865, and president of the Westmoreland co. med. soc. in 1859. He was married, June, 1844, to Harriet, daughter of Abraham Shollenberger, Esq., of Mount Pleasant, Pa.

BAKER, HENRY BROOKS, Lansing, Mich., was born, Dec. 29th, 1837, at Brattleboro', Vt. He is the son and grandson of Americans, though his ancestors on his mother's side came from England. He was educated partly at the common schools in Vermont, Massachusetts and Michigan, but chiefly by self-teaching, and studied medicine at the med. dep't of the univ. of Michigan, in 1861–62, and afterwards at the Bellevue hosp. med. coll., graduating from the latter in the spring of 1866. He practised in Lansing, Mich., from 1866 to 1868, when he removed to Wenona, Mich., from which place, in 1870, he returned to Lansing and took charge of the vital statistics of Michigan, in the State department, which have since continued under his direction. His practice embraces several cases worthy of note. He successfully treated, July 4th, 1866, a lady apparently dying, from a poisonous dose of strychnine, taken by mistake for quinine, saving her life, to all appearance, by the prompt and continued administration of chloroform. In 1869 he reduced a dislocation of the femur, in a very few minutes, by Reid's method of manipulation, after the failure of a physician and surgeon who had labored more than half a day by all the other ordinary methods. In the same year he resuscitated from the convulsions of intermittent fever a child that had apparently gasped for the last time, by means of artificial respiration, with the administration of chloroform vapor diluted with air. Since 1870 his special studies have been vital statistics, sanitary science, and preventive hy-

giene. He is a member of the State med. soc. of Michigan, of which he was treasurer in 1871, and corres. secretary in 1872; the Am. med. asso. of the public health section, of which he was secretary in 1874; the Am. public health asso.; the Am. social science asso., of which he was a director in 1874, 1876 and 1877; the Lansing scientific asso., of which he was president in 1874, 1875, and 1876; and was a member of the International med. congress at Philadelphia, in 1876. His writings include the following productions: "Thought as a Form of Force," and "Contributions to Biology," *New York Psychological Journal*, 1870; "Physical Biology," Transactions of Mich. med. soc., 1870; "Concerning the Physiology of Sleep," *Detroit Review of Medicine and Surgery*, Nov., 1872; "Statistics of Michigan for 1870," pp. 835, State printers, Lansing, 1873; "Registration Reports on the Vital Statistics of Michigan, 1869, 1870, 1871, and 1872;" Reports as Secretary of the State Board of Health of Michigan, for the years 1873, 1874, 1875, and 1876, including papers on "Cerebro-Spinal Meningitis," "Tetanoid Fever," "Reproduction of Disease Germs," etc.; a letter on a "Public Health Commission for the United States," Transaction Am. med. asso., 1875; the "Death Rate of Each Sex in Michigan, Life Tables, etc.," and "Infant Mortality in Michigan," vol. ii., Transactions Am. pub. health asso., 1876; "Expectation of Life," *Spectator*, Chicago and New York, Oct. 15th, 1871; "Advancement of the Standard of Medical Education in the Medical Profession," in the *Detroit Review of Medicine and Pharmacy*, Aug., 1876; the "Cause of Chorea," *Detroit Review of Medicine and Surgery*, Oct., 1876; and a letter on the "Money Value of Health to a State," published in the second annual report of the Georgia State board of health, 1876. Since the organization of the Michigan State board of health in July, 1873, he has been its secretary, and superintendent of the vital statistics of the State. From 1862 to the close of the war he served in the medical department of the 20th Mich. infantry vols., 9th army corps, and at operating and general hospitals, becoming after July, 1864, the medical officer in charge of the regiment. He was taken prisoner at the "wilderness," but soon rejoined the division hospital. He was married, Sept. 9th, 1867, to Fannie H. Howard, daughter of Sanford Howard, formerly secretary of the Michigan State board of agriculture.

SIBBET, ROBERT LOWRY, Carlisle, Pa., was born in Cumberland co., Pa., March 4th, 1826. He is of Scotch-Irish descent. He was educated at Pennsylvania college, Gettysburg, receiving the degree of A. B. in 1856, and the degree of A. M. in 1859, from the same institution. He engaged in teaching a classical school until 1862, when he commenced the study of medicine, and in 1866 received the degree of M. D. from the univ. of Pa. He settled first in Harrisburg, Pa., as a general practitioner, from which he removed, on account of ill health, to New Kingston, Pa., and afterward to Carlisle, Pa., where he now resides. He has made his way in life by his own exertions, and under many disadvantages, having been twenty-one years of age before he opened his Latin grammar. In 1870 he visited Europe, where he remained two years in the daily pursuit of professional knowledge. He has the rare experience of seven months in Paris, during the entire siege, two other American surgeons remaining with him. He is a member of the med. soc. of the State of Pennsylvania, of which he was chosen vice-president in June, 1875. He has taken an active part as chairman of a committee to secure the passage of a law "To protect the people of the commonwealth against incompetent practitioners of medicine, surgery and obstetrics," as shown by his reports to the society. He is the author of a paper in the *Medical and Surgical Reporter*, April 8th, 1876, entitled "Antiseptic Surgery Briefly Reviewed," noteworthy as an American defence of Prof. Lister; and of one in the same journal, May 20th, 1876, discussing a successful surgical operation in a case of rupture of the perineum, extending into the recta-vaginal septum one inch and a half. In a paper read before the Cumberland co. med. soc., which will soon appear in print, he has denied that alcohol taken into the stomach produces in the child of the drinker any discoverable effects, mental or physical; in other words that "drunkenness is hereditary."

MCCLELLAND, WILLIAM F., Denver, Col., was born at New Philadelphia, Harrison co., Ohio, May 29th, 1821, of American parents, whose respective ancestors were from the north of Ireland and Germany. He was educated at the seminary of Mt. Vernon, Ohio, and graduated at the Jefferson med. coll., March 27th, 1849. He took up his residence first at Mt. Gilead, O.; whence he removed to Mt. Vernon, O., in 1851; thence to Council Bluffs, Iowa, Dec. 1st, 1856; and finally settled in Denver, Col., June 2d, 1862. He performed the Cæsarean section successfully to both mother and child, Nov. 9th, 1857, and has twice successfully performed gastrotomy for other physicians. He is a member of the Am. med. asso.; of

the Col. State med. soc., of which he was president in 1873; and of the Denver med. soc., of which he was president in 1876. He has published articles on the "Climatology of Colorado," and on the "Effects of the Colorado Climate on Asthma and Autumnal Fever." He was surgeon of the Denver military hosp. in 1864 for a short time; and is president of the Millionnaire mining and tunnelling company, and of the Denver mutual building and loan asso. He has been twice married; first, June 3d, 1850, and a second time, Nov. 11th, 1858.

JOHNSON, HOSMER ALLEN, Chicago, Ill., was born in Wales, Erie co., N. Y., Oct. 22d, 1822. He graduated from the coll. of arts and sciences of Mich. univ. in 1849, and from the Rush med. coll., Chicago, in Feb., 1852, and settled in Chicago. He was professor in Rush med. coll. from 1855 to 1859, and in the Chicago med. coll. from 1859, a position still held. He is a member of the local, State, and Am. med. associations, ex-secretary and ex-president of the first, and ex-secretary of the last named. His contributions to medical literature consist of a number of addresses, essays, reports of cases, etc., published in various medical periodicals, and of the medical report of the Chicago relief and aid soc. He was a member of the board of health of Chicago, from 1867 to 1873, and medical officer of the relief aid soc. after the fire of 1871. During the civil war he was member and president of the board of medical examiners for Illinois, and examined for appointment over one thousand physicians. In May, 1855, he married Margaret A., daughter of John B. Seward, Esq., of Murkesan, Wis.

LINDSLEY, JOHN BERRIAN, Nashville, Tenn. (descended from the Lindsleys who were among the first settlers of Morristown, N. J., and from the Lawrences, who settled at Hell Gate, Long Island, in 1660), was born at Princeton, N. J., Oct. 24th, 1822. Having graduated A. B. from the univ. of Nashville in 1839, he entered the med. dep't of the univ. of Pa., graduating thence M. D. in 1843. In 1849–50 he attended lectures in the med. dep't of the univ. of Louisville. In 1852 and 1859 he pursued his studies in France and Germany. He was appointed, in Oct., 1850, prof. of chemistry and pharmacy in the med. dep't of the univ. of Nashville, and at the same time dean of the medical faculty, holding his professorship until March, 1873. From 1855 to 1870 he was chancellor of the university, preserving it unharmed during the war. In 1856 the coll. of N. J. conferred on him the degree of D. D. He is a member of the Tenn. State med. soc., a fellow of the Am. asso. for the advancement of sciences; a delegate to nine conventions of the Am. med. asso.; a member of the numismatic and antiquarian soc. of Philadelphia; of the Am. chemical soc. of New York, etc. Among his published works may be mentioned contributions to the "Medical Annals of Tennessee;" to the "Sources and Sketches of Cumberland Presbyterian History," and (in the present year 1877), in conjunction with Dr. J. G. M. Ramsey, of Knoxville, Tenn., "Abridged Annals of Tennessee." In 1875 he was secretary to the State board of education of Tennessee; in 1876 was health officer of Nashville and librarian of the Tennessee historical soc.; April 3d, 1877, on the organization of the Tennessee State board of health, appointed secretary. In Feb., 1862, at the request of Gen. A. S. Johnston, accepted temporarily the position of acting post-surgeon at Nashville. He married, Feb. 9th, 1857, Sarah, daughter of Jacob McGavock, Esq., of Nashville.

JEWETT, PLINY ADAMS, New Haven, Conn., was born in Hampton, Washington co., N. Y., in 1816. On his father's side he is descended from one of the first settlers of Rowley, Mass., and on the mother's from the Backuses and Fitchs of Connecticut. He received his literary education in Trinity coll., Hartford, and his medical education at Yale coll. and in Paris. He graduated at the former institution in 1839. He first settled in New Haven, and subsequently resided in Aiken, S. C., for two years. His specialty is surgery. For thirty-five years he has been attend. surg. at the New Haven hosp., and was for twelve years prof. of obstetrics in the med. dep't of Yale coll. He is hon. member of the N. Y. med. soc., and has been a member of the Conn. med. soc. for thirty-seven years, and in 1876 was president of the last-named med. soc. He has made occasional contributions to medical journals. During the war he was surgeon of volunteers, and was afterwards promoted to a colonelcy for meritorious services; he also organized and had charge of Knight's U. S. army gen. hosp., New Haven, from 1862 to 1865. In 1847 he married Juliet M., daughter of Leicester Carrington, Esq., of Bristol, Conn.

HERRICK, STEPHEN SOLON, New Orleans, La., was born, Dec. 11th, 1833, at West Randolph, Vt. He graduated at Dartmouth coll. in 1854, and from the med. dep't of the univ. of Louisiana in 1861,

in the early part of which last year he commenced practice at New Orleans, but, the war breaking out, left in June, returning in May, 1865, having served meanwhile in the army and navy of the confederacy. Since the latter date he has continued to practise in New Orleans. He is a member of the New Orleans med. and surg. asso., of which he was president in 1875. His literary productions include an essay on "Quinine," which received a prize from the Am. med. asso. in 1869, and contributions to medical journals in New Orleans, Philadelphia, New York, and Louisville. He was a member of the board of health of the State of Louisiana in 1869 and 1870, and has been sanitary inspector under the board at different times since; was prof. of chemistry in the New Orleans school of medicine in 1869 and 1870; and since 1876 has been prof. of chemistry and physics in the agricultural and mechanical coll. of Louisiana. In 1862 and 1863 he was ass't surg. in the provisional army of the confederacy, and from 1863 to 1865 filled the same position in the Confederate navy. In 1866 and 1867 was editor of the *New Orleans Medical and Surgical Journal.* He was married in Sept., 1867, and has five children.

SABIN, HENRY LYMAN, Williamstown, Mass., was born in Williamstown, Berkshire co., in that State, May 29th, 1801. On his father's side he is a descendant of the Dwights of Connecticut, and on his mother's side from the Bulkleys of the same State. He was educated in Lenox acad., Williams coll., Williamstown, Mass., and at the Berkshire med. institution, and took one course of lectures at the New York coll. He graduated at the Berkshire med. institution in 1826, and settled first at Chatham, Columbia co., N. Y., and afterwards at Williamstown. He is a member of the Mass. med. soc., vice-president; president of the Berkshire med. district soc., and hon. member of the N. Y. med. soc. He has held the position of representative to the legislature; State senator, justice of the peace, and police justice. For ten years he has been a trustee of the Northampton lunatic asylum, and for thirty-eight years a member of the corporation of Williams coll., and also a director of the Troy & Greenfield railroad. He married, Nov., 1829, Lucy, daughter of John Whitman, Esq., of Williamstown, and after her death, on April 24th, 1833, Abby B., daughter of Nathan Benjamin, Esq., of Catskill, N. Y.

DENT, WILLIAM MARMADUKE, Newburg, W. Va., was born, March 6th, 1831, at Granville, Monongalia co., Va. He is the son of Dr. Marmaduke and Sarah Dent. He was educated at the Monongalia acad., at Morgantown, and, after studying medicine with his father, attended the Starling med. coll., Columbus, O., from which he graduated in March, 1852. Settling first in his native town, where he practised eight years in partnership with his father, he in 1860 went to Morgantown, remaining there three years, when he removed to Newburg, Preston co., W. Va., his present residence. He is a general practitioner, paying, however, particular attention to surgery. He is a member of the Am. med. asso., and also of the medical society of the State of West Virginia, of which he was elected secretary, June, 1871, and which position he has filled at every succeeding session. At the second battle of Bull Run he performed the duty of volunteer surgeon. He was married, March 25th, 1852, to Harriet Jane Hess, of Granville, Va.

WHITE, OCTAVIUS A., New York, was born in Charleston, S. C., Feb. 8th, 1826. His father was Hon. John Blake White, of the same city, a successful lawyer, amateur historical painter, and author of plays enacted at Charleston theatre, whose great-grandfather, Sir John White, of Kent, England, came to this country with William Penn; a son of his, the grandfather of John Blake White, named Blake Leary White, settled in South Carolina and became a planter on the great Pedee river. The preliminary education of Dr. White was received at the academy of H. M. Bruns, LL.D., in Charleston; subsequently he entered Charleston coll., and the South Carolina med. coll., graduating A. B. from the former in 1846 and M. D. from the latter in 1848. He settled in Charleston, commencing and continuing practice there till 1865, when he removed to New York. He first introduced the practice of superficial incisions within the os uteri for the relief of stenotic dysmenorrhœa. In 1876 was selected and delegated by the profession of New York for the relief of the yellow fever patients at Savannah. He is a member of the N. Y. acad. of med.; county med. soc.; med. journal asso., and historical soc. His contributions to medical literature, among others, have been: "New Method of Operating for Radical Cure of Hernia," 1851; "Transfusion with Successful Result in a Case of Flooding," 1853; "A New and Safe Mode of Relief in Stenotic Dysmenorrhœa," 1855, *Charleston Medical Journal;* "Bradycrote Treatment of Yellow Fever," *ibid.*, 1858; "Report on Yellow Fever Epidemic of Wilmington, North Carolina,

1862;" "Varicocele and its Radical Cure," *New York Medical Journal*, 1872; "Report on Yellow Fever Epidemic in Savannah in 1876," *ibid.*; "Observations upon the Pulse, introducing the Hemarumascope, an Instrument of Precision for Examining Venous and Arterial Currents," *Hay's Journal*, 1877. He has also invented the hysterotome, for practising safe incision within the neck of the womb; an instrument for the cure of varicocele; the hemarumascope, and improved the laryngoscope. He served as surgeon in the Confederate States army during the civil war. In 1849 he married Claudia Rebecca, daughter of Prof. John Bellinger, of Charleston, S. C.; she died in 1853. In 1855 he married Elizabeth Winthrop, daughter of Rev. John White Chanler, of New York city.

RAMSEY, FRANCIS ALEXANDER, Knoxville, Tenn., son of Francis A. and Margaret (Russell) Ramsey, was born at Knoxville, Tenn., April 7th, 1821. His professional education was received in the South Carolina med. coll.; in the offices of Drs. S. H. Dickson and Benjamin Dudley, and in the med. dep't of the Transylvania univ. Graduating M. D. from the last-named institution in March, 1842, he established himself in practice in Knoxville; removed to Memphis in 1865, and in 1873 returned to the place of his first settlement. He is a member of the Knox co. med. soc., to the several offices of which he has been at various times elected; of the East Tenn. med. soc., of which he has been president since 1871, and of the Tenn. State med. soc. In 1853 he founded the *East Tennessee Medical Record*, a periodical that he continued to conduct until 1854, and in 1866 he founded the *Medical Monthly*, a journal that was published at Memphis, Tenn., for six months. His writings have been published in various medical journals. He has never essayed a systematized work of large extent, laboring for present good to others and himself. In 1846–47–48 he was prof. of materia medica and therapeutics in the Memphis med. coll., and in 1867–68 was prof. of the theory and practice of medicine in the same institution. He was commissioned medical director in the Confederate States army, April 24th, 1861, and in this capacity served during the entire war. He married, June 2d, 1842, Anna Maria, daughter of Judge Daniel Breek, of Richmond, Ky., and April 17th, 1871, Mrs. Cornelia Anne Andrew, at Hume, N. Y. Two of his daughters are the wives of physicians, Mrs. Almon Brooks, of Chicago, Ill., and Mrs. John M. Kennedy, of Knoxville, Tenn.

WELLS, WILLIAM L., Philadelphia, was born in Philadelphia, Feb. 21st, 1834. His family were among the early settlers of Pennsylvania, Governor Lloyd, who succeeded William Penn in the governorship of the province, having been one of his ancestors. He was educated at the univ. of Pa., graduating B. A., with the first honor, from the collegiate dep't, and in 1856 M. D. from the medical dep't. Upon obtaining the latter degree he established himself in Philadelphia, where he remained in practice for some four years. In 1860–62 he made a tour of Europe, visiting the notable hospitals and medical institutions of England, Denmark, Germany, Austria, France and Spain. Returning to this country he re-established himself in Philadelphia, where he has since remained. While in Europe he contributed a series of able letters to the *Medical and Surgical Reporter*, and since his return has supplied reports of cases, etc., to various medical journals. From 1867 to 1874 he wrote the reports on meteorology and epidemics for the coll. of phys., and for three years the reports to the Am. med. asso. on the same subject for Pennsylvania.

HALL, ANDREW DOUGLASS, Philadelphia, son of the Rev. Richard Drason Hall and Mary Douglass Hall, of Philadelphia, was born in St. George's parish, Hempstead, Queens co., Long Island, July 2d, 1833, where his father was the rector at that time. His early education was received in the academy of the univ. of Pa., and he was graduated a bachelor of arts of the univ. of Pa. in 1851. Becoming a private student of Prof. Joseph Pancoast, he studied medicine at the Jefferson med. coll. in Philadelphia, where he graduated in March, 1854. After a brief summer trip to Europe he was elected res. phys. to the Episcopal hosp. in 1854; to the Pa. hosp., where he was elected in 1856, and in 1858 entered upon general practice in Philadelphia. In 1863 he was elected attending surgeon to the Wills' hosp., and in 1867 surgeon to St. Mary's hosp., which position he resigned after five years service. His specialty is diseases of the eye. He is a member of the Philadelphia coll. of phys.; of the Philadelphia co. med. soc., and of the Am. ophthalmol. soc. As one of the original members of the pathological soc. he contributed numerous papers to its first volume of Transactions; and from time to time papers on ophthalmic subjects from his hand have appeared in medical periodicals. For three years of the civil war he served in the U. S. army as acting ass't surg. He married, Sept., 1863, Rosalie, daughter of Dr. S. Littell, of Philadelphia.

BYFORD, WILLIAM HEATH, Chicago, Ill., was born at Eaton, Preble co., O., March 20th, 1817. He achieved his education by private study outside of school or college, and studied medicine at the Ohio med. coll., from which he graduated in 1844, having previously practised at Owensville, Ind., from 1838 to 1840, when he removed to Mount Vernon, Ind., from which in 1850 he went to Evansville, Ind., to teach anatomy in the Evansville med. coll., whence in 1857 he was called to Chicago, Ill., to fill the chair of obstetrics and diseases of women and children in Rush med. coll. He assisted in the formation of the Chicago med. coll. in 1859, from which time he has been prof. of obstetrics and diseases of women and children in the institution. He is a member of the Am. med. asso., of which he was vice-president in 1857; the Am. gynæcol. soc., of which he is vice-president, and the Tri-State med. soc., of which he is president. His medical writings comprise a variety of subjects, among which may be mentioned: "Chronic Inflammation and Ulceration of the Uterus;" "The Practice of Medicine and Surgery, Applied to the Diseases and Accidents Incident to Women;" "Theory and Practice of Obstetrics;" "Case of Cæsarean Section;" "Gastrotomy after Rupture of the Uterus;" "Typhoid Fever;" "Scrofula;" "Treatment of Fibrous Tumor of the Uterus," and many kindred subjects. He is now the editor-in-chief of the *Chicago Medical Journal and Examiner*. He has been twice married, his first wife, who bore him five children, and with whom he lived twenty-three years, having been a daughter of Dr. H. Holland, and his second wife, now living, Lina W. Flersheim.

HUGHES, ISAAC W., Philadelphia, Pa., was born, Oct. 12th, 1832, at Gulf Mills, Montgomery co., Pa., his father being of Welsh descent and his mother a pure Swede, both, however, born in this country. After receiving an academic education at Aaron's seminary, Norristown, Pa., he entered the univ. of Pa. Graduating April, 1852, he commenced the practice of his profession at Sunbury, Pa., the same year, but in 1854 removed to West Philadelphia. He has always been in extensive practice, his obstetrical cases alone reaching to the number of over 2,600, out of which but two died. At one time he was a member of the Philadelphia med. soc. During the late civil war he rendered effective service on many battle-fields as a volunteer surgeon. Although at present the president of the West Philadelphia bank, he continues in active practice. In 1855 he was married to Alice, daughter of the late Judge Donnell, of Sunbury, who has since died.

WOODSON, THOMAS M., Gallatin, Tenn., of Welsh-Irish descent, was born in Sumner co., Tenn., July 20th, 1830. Having received an academical education, he entered the med. dep't of the univ. of Louisville, whence he graduated M. D. in 1850; in 1854–55 attended lectures at the Jefferson med. coll. In 1850 he established himself in practice in Hannas, Sumner co., Tenn., and there remained, save during his attendance at Jefferson, until 1874, when he removed to Gallatin. He is a member of the Am. med. asso.; Tenn. med. soc., vice-president in 1873, and of the Sumner co., Tenn., med. soc., president in 1873. He has contributed extensively to professional periodicals and to the Transactions of the several societies of which he is a member. Among his more important papers may be mentioned two papers on "Pneumonia: its Treatment;" "Dysentery: its Treatment by Large Doses of Ipecacuanha;" "Case of Disease of Cerebro-Spinal Centres," etc. He married, July 18th, 1855, Amelia, daughter of Rev. Luke P. Allen, of Sumner co., Tennessee.

GRAYSTON, FREDERICK SAMUEL COOPER, Huntington, Ind., was born at Woodbridge, Suffolk, England, April 6th, 1823. His father was a practising attorney of Woodbridge. His general education was obtained at the Seckford acad., in that town, and his medical studies were pursued in the medical coll. of Ohio during 1851 and 1852; in the Chicago med. coll. in 1861, where and when he graduated, as also at the Rush med. coll. (*ad eundem*) 1864. In 1852 he settled in Huntington and commenced general practice. He is a member of the State med. soc. of Ind.; secretary of the Huntington co. med. soc., to which position he was elected in 1861, and hon. member of the Wabash and Grant counties med. socs. He holds the position of examining surgeon for invalid pensioners, and lecturer upon the diseases of children in the Fort Wayne med. coll. In 1849 he married. His eldest son, Boston, graduated in the Chicago med. coll. in the spring of 1875, and is his associate in the practice.

TAYLOR, JAMES MARCUS, Corinth, Miss., was born in Jackson co., Ga., Jan. 12th, 1827. Having received an ordinary English education, and also a full course in Latin and Greek, he entered the med. dep't of the univ. of Louisville; subse-

quently attended lectures at the Jefferson med. coll., and was graduated M. D. from the latter institution in 1851. After practising at Jacinto, and afterwards at Rienzi, formerly in Tishomingo co., Miss., he established himself in 1870 at Corinth, engaging in a general practice. He has performed lithotomy six times, tracheotomy five times; has performed herniotomy, operated for cataract several times, etc. He is a member of the Am. med. asso.; of the Miss. State med. asso., vice-president in 1871, president in 1873; and of the Tishomingo dis't med. soc., president in 1876. In 1877 he was elected a member of the (then just established) Miss. State board of health. In 1861 he was commissioned a surgeon in the Confederate States army, was taken prisoner at Fort Donelson, and upon being released—some six months later—returned to private practice. He married (1) Oct. 8th, 1851, Mary Elizabeth, daughter of P. B. Cox, Esq., of Griffin, Ga., and (2) Aug. 27th, 1867, Sallie, daughter of A. G. Murray, Esq., also of Griffin.

BELL, AGRIPPA NELSON, Brooklyn, N. Y., was born in Northampton co., Va., Aug. 3d, 1820. His parentage, English and Scotch. Education: common school in Virginia, academic and classical in Connecticut. Has received honorary degree of A. M. from Trinity coll., Hartford. He studied one year in the Tremont street med. school, Boston, taking a first course of lectures at the med. dep't of Harvard univ., and a second course at Jefferson med. coll., Philadelphia, where he graduated in 1842. He first settled at the village of Franktown, Northampton co., Va., from which place he applied for permission to be examined by the naval board of examiners; passed the greater part of the year 1844 in New York, and his examination for the navy being a successful one (Nov., 1844), he received the commission of ass't surg. in March, 1847. Intermediately he resided and practised in Waterbury, Conn. During 1847 and 1848 he was on active duty, during the Mexican war, in the vicinity of Vera Cruz, serving in several vessels in the squadron and also on shore and at the yellow fever hosp. on Salmadina island. His subsequent naval service was one year on the coast survey, in New York harbor and bay; in the West Indies; Central America; and west coast of Africa. He passed an examination for promotion in 1854, and after being nearly two years on board the receiving ship at New York, resigned from the navy, 1855, and entered upon private practice in Brooklyn. He is an active member of the Kings co. med. soc. (Brooklyn); of the New York acad. of med.; perm. member of the med. soc. of the State of N. Y.; Am. med. asso.; Am. public health asso., etc.; was an active member of the national quarantine and sanitary conventions in 1859 and 1860, and chairman of the committee on quarantine regulations, whose report at the convention in Boston in 1860 has been the basis of most of the quarantine regulations in the United States and abroad since. He has always given special attention to sanitary matters. During the first year of the rebellion he had charge of the floating hosp. for yellow-fever patients under quarantine in New York harbor, and drafted the law for the New York quarantine establishment as it is now and has been since 1863. He has been member of nearly all of the New York and Brooklyn committees which have been appointed on health reforms and for the establishment of boards of health —the metropolitan, and others. He also held the position of quarantine commissioner and supervising commissioner of the construction of quarantine buildings from 1869 to 1873. Since 1856 has been one of the physicians of the Brooklyn city hosp., being now senior member of the medical staff. For eleven years he has been chairman of the standing committee on hygiene of the N. Y. State med. soc., and took the first "Merrit H. Cash prize" of that society in 1864, on "How Complete is the Protection of Vaccination, and what are the Dangers of Communicating Other Diseases with the Vaccinia?" He has also contributed several papers to the Transactions of the society on sanitary subjects, viz.: "Malignant Pustule," 1862; "Disinfection," 1864; "Marine Hygiene," 1867; "Marine Hygiene and Experiments with Steam as a Disinfectant," 1868; "Quarantine Establishment of New York," contributed in 1873, but not published till 1875; "Defective Drainage," 1874. The latter paper was ordered to be printed by the society as a separate paper from the Transactions, and was sent by the society to every physician in the State of N. Y. It was printed in full in the *Sanitarian* in March, 1874. He has contributed the following to the Transactions of the Am. med. asso.: on the "Introduction of Disease by Commerce," vol. xvi., 1865; he was chairman of the committee report, same year, on "Protection from Small-Pox by Means of Vaccination and Revaccination." He was the first chairman of the section on State medicine and public hygiene of the association, 1873 and 1874; the subject of his address was, "Waste of Life," and report on "Defective Drainage as a Cause of Disease in the State of New York," vol. xxv., 1874.

To the proceedings of the Am. public health asso. he has contributed papers on "Perils of the School-room," and the "Hygiene of Passenger Vessels in Communication with New York." He is author of a work entitled "Knowledge of Living Things," published in 1860, now out of print. In 1873 Dr. Bell established the *Sanitarian*, a monthly magazine devoted to the preservation of health, mental and physical culture.

PAYNE, ROBERT LEE, Lexington, N. C., was born in Lexington, Dec. 29th, 1834. His father was Dr. C. L. Payne, of Danville, Va. (subsequently of Lexington), and his grandfather R. J. Payne, of Goochland co.; their earlier ancestry being English. His mother was Mary A. Lewis, of Scotch descent. His education was obtained at Caldwell institute, Hillsboro', N. C., Davidson coll., N. C., and univ. of N. C., at Chapel Hill. His medical studies were pursued at the Jefferson med. coll., Philadelphia, from which he graduated in 1857. He settled in Lexington, first in copartnership with his father. He is a member of the N. C. med. soc., has been twice its vice-president; was annual orator in 1871, and many times appointed delegate to the Am. med. asso. and Va. med. soc. In 1872 he was elected a member of the N. C. med. examining board, which place he now fills; corres. member of the gynæcol. soc. of Boston, and corres. member of the Meigs and Mason acad. of med. He has contributed various articles to the Transactions of the N. C. med. soc., to the *Medical and Surgical Reporter*, *Richmond and Louisville Journal*, *Virginia Medical Monthly*, and other journals. He has held the position of magistrate of the county, town commissioner, etc., etc., and was phys. to the poor house of Davidson co. for nineteen years; was examiner on Confederate board and home guard board, but was never in the service on the field; and is also med. exam. for various insurance companies. He married, May, 1856, Winifred T., daughter of John Wilson, Esq., formerly of Danville, Va.

KING, JOSEPH FRANCIS, Wilmington, N. C., was born in Beaufort, N. C., Aug. 29th, 1832. He is son of the late Dr. Francis L. King; was educated in his native State, and studied medicine at the N. Y. med. coll., from which he graduated in March, 1853, settling first at Washington, N. C., and subsequently at Wilmington, where he still resides. He has successfully performed lithotomy seven times, and has also twice performed transfusion, transferring lamb's blood to men, and human blood to women. He is a member of the State med. soc. His contributions to medical literature consist of his reports of the above-mentioned cases and others. He was brig. surg. in the Confederate army, and was the first president of the coll. of phys. and surg. of Wilmington, an institution since dissolved. He has been twice married, his present wife being the daughter of the late Dr. John Neilson, Jr., of the city of New York.

FISKE, IRA WOODWARD, Kalamazoo, Mich., was born at Chazy, Clinton co., N. Y., Jan. 7th, 1824. His professional education was acquired at Castleton, Vt., and at the Philadelphia coll. of med., a regular college, now no longer in existence, his degree of M. D. being conferred by the latter in 1850. After practising at Ellenburgh, Clinton co., and at Ausable Forks, Essex co., N. Y.—at the former for two, at the latter for twelve, years—he finally settled himself at Kalamazoo, where he has built up an extensive general practice. He is a member of the Michigan and Kalamazoo med. socs., having served as president of the latter in 1872, and being at the present time its secretary; perm. member of the Am. med. asso., and State delegate to its St. Louis meeting in 1873, and to its Philadelphia meeting in June, 1876. In 1864 he was appointed contract surg. in the U. S. service at the gen. hosp. at Fortress Monroe until the end of the war. He was married, 1851, to Martha, daughter of Jesse Potter, Esq., of Kreeseville, N. Y.

THAYER, SAMUEL WHITE, Burlington, Vt., was born in Braintree, Vt., May 21st, 1817. His father and mother are of New England families, who emigrated from Wales respectively in 1628 and 1630, his paternal ancestry having removed from Chateau Thiery, France, in the twelfth century. His academic education was obtained at Thetford, Vt., and his medical education was obtained at the Vt. med. coll., Woodstock, from which he graduated in 1838, settling immediately in Woodstock. In 1840 he removed to Northfield, in the same State, and finally in 1853 established himself in Burlington. His specialty is surgery, and among the successful operations which he has performed have been two cases of amputation at shoulder, including the removal of the entire scapula and half of the clavicle; his practice, however, is also general. He is a member of the Am. med. asso.; of the Vermont and Chittenden co. med. socs., is president of the latter; of the Burlington med. and surg. club; hon. member of the N. Y. State med. and Phi Beta Kappa (Dartmouth coll.) socs.;

of the Am. scientific asso.; and of the Cal. State med., Minn. State med., of the New England hist. and genealog., and of the Md. hist. socs. In 1854 he was made prof. of the theory and prac. of med. in the med. dep't of the univ. of Vt., a department which, at the request of the corporation and trustees of that institution, he had organized the year before; was made prof. of anat., physiol. and surgery in 1855; prof. of general and special anat. from 1856 to 1859, and since then, emeritus prof. of anat. During the war he held the positions of surg.-gen. of Vermont; ass't surg. of U. S. vols. in charge of Baxter general hosp.; was brevetted captain at the close of the war; and in the position first named personally examined all the medical staffs of all the Vermont regiments. He organized the med. dep't of the northern Pacific railroad, and was its med. director for four years. In Jan., 1841, he married Sarah L., daughter of John A. Pratt, Esq., of Woodstock, Vt.

ROBERTSON, WILLIAM STEPHENSON, Muscatine, Iowa, was born in Lancaster co., Pa., June 5th, 1831. He received his literary education at Knox coll., Galesborough, Ill., and his medical education at the Jefferson med. coll., Philadelphia, graduating from the latter in March, 1856, and establishing himself at Columbus City, Iowa, where his father had removed in 1842. In 1869 he left Columbus City and settled in Muscatine. He is prof. of the theory and prac. of med. and clin. med. in the Iowa State univ., being elected to that position in 1869; is a member of the Am. med. asso.; of the Iowa State med., the eastern Iowa dist. med., the Louisa co. med., and the Muscatine co. med. socs., being president of the three first-named Iowa societies, respectively during 1873–74, 1876–77, and 1860–61. He has read various papers, on "Medical Thermometry;" "Epidemic Diseases of Eastern Iowa;" "Sporadic Cholera;" "Medical Inhalations," etc., before the Iowa State med. soc., and also delivered the annual address for 1874 before the same body. He is the originator and president of the board of trustees of the asylum for feeble-minded children of the State of Iowa; and was major in the 5th reg. Iowa infantry during the civil war. In June, 1856, he married Annie E., daughter of Adam Charlton, Esq., of Louisa co., Iowa.

SULLIVAN, JOHN LANGDON, Malden, Mass., was born in Keene, N. H., March 8th, 1827. He is a son of Rev. Thomas Russell Sullivan, of Boston, a descendant of John Sullivan, of Berwick, Me., who was the father of Gen. John Sullivan, of revolutionary fame, and of James Sullivan, governor of Massachusetts, who was the great-grandfather of the subject of this sketch. He is a graduate of the Worcester, Mass., grammar and Latin schools, of the Boston public Latin school, a pupil of the Lawrence scientific school of Cambridge, Mass., and a graduate from the Harvard med. school, from the last of which he received the degree of M. D. in July, 1849. With the exception of the year 1870—passed in Boston—and 1873, which he spent in the study of medicine in Germany and other parts of Europe, he has, since graduating, resided in Malden, giving special attention to the diseases of women and to midwifery. He is a member of the Mass. med., and of the gynæcol. soc. of Boston; and perm. member of the Am. med., and hon. member of the Canadian med. assos. He has contributed various medical and surgical articles to the pages of the *Boston Medical and Surgical Journal*, and to the journal of the Boston gynæcol. soc. He held the position of surg. of the board of enrolment of the 6th Congressional dis't of Mass. from 1863 to 1865, and is now U. S. exam. surg. for pensions. He married, April, 1850, Mary L., eldest daughter of S. S. Lynde, Esq., of New York; after her death, he married, Feb., 1859, Helen, second daughter of the same gentleman.

LOTHROP, CHARLES HENRY, Lyons, Iowa, was born in Taunton, Mass., Sept. 3d, 1831. He is of English descent on his father's side, and on his mother's Scotch-Irish. Having attended the Taunton high school and the Bristol acad., Taunton, Mass., the univ. grammar school, Providence, R. I., and taken a partial course at Brown univ., he studied medicine in the med. dep't of the univ. of N. Y., from which he graduated June 30th, 1858, settling the following month at Lyons, Clinton co., Iowa, where he still resides. He performed in 1868 a successful operation for the removal of a parotid tumor involving the parotid gland; successfully removed in 1869 a ganglion at the wrist-joint by incision; and in 1871 treated with success a case of fragilitas ossium. He is a member of the Clinton co. med. soc., of which he was secretary and treasurer in 1860, censor from 1859 to 1861, vice-president in 1860, 1868 and 1870, and president in 1871; of the Iowa and Ill. dis't med. soc; of the Iowa State med. soc.; a perm. member of the Am. med. asso., and a corres. member of the Franklin co. med. soc. He has published papers under the following titles: "Diph-

theria," read before the Clinton co. med. soc. in 1861; "New Apparatus for the Treatment of Fractures of the Lower Extremities," read before the same society in 1867; "Removal of Ganglion at Wrist-Joint by Excision," read before the same society in 1869; "New Rubber Apparatus for the Treatment of Talipes Varus," read before the same society in 1870, "Successful Treatment of Fragilitas Ossium," read before the same society in 1871, and published in the *Boston Medical and Surgical Journal*, Oct. 26th, 1871; "A New Apparatus for the Treatment of Bunion," read before the surgical section of the Am. med. asso. at St. Louis, Mo., in 1873, and published in the "Transactions" of that year, and also in the *Boston Medical and Surgical Journal*, June, 1873; "A New Rubber Day and Night Male Urinal," read before the Clinton co. med. soc. in 1874. He was an associate in the conduct of the *Southern Medical Record* during 1876; is the author of the "Medical and Surgical Directory of Iowa for 1876;" and has been chosen by the Clinton co. med. soc. to draw up a report embodying the early medical history of Clinton co. In 1870 and 1871 he was the coroner of Clinton co. He was ass't surg. and surg. in the 1st Iowa volunteer cavalry from 1862 to 1866. In 1876 he was a member of the exam. board of the med. dep't of the Iowa State univ.; has been, since 1868, U. S. examining surg. for pensions; and is a member of the med. examiner's bureau of the United States and Canada. He is married.

GUNDRY, RICHARD, Columbus, O., was born at Hampstead, near London, England, in 1829. His parents were Rev. Jonathan Gundry and Elizabeth (Pressland) Gundry. He was educated at the school of Rev. W. Shingleton, of Hampstead, and afterwards, coming to this country in 1845, he studied medicine at Simcoe, Canada West, under Dr. Charles W. Covernton. Then, entering Harvard coll., he graduated from the med. dep't of that institution in 1851. He first practised medicine in Rochester, N. Y.; in 1854 he removed to Columbus, O., entering the Ohio lunatic asylum in 1855 as ass't phys. In 1857 he became ass't phys. to the southern Ohio lunatic asylum at Dayton, O.; was appointed its med. sup't in 1862, a position which he retained till 1872, when he took charge, as med. sup't and sup't of construction of the new asylum at Athens, opening the institution for patients in 1874. Its capacity was for 600 patients. He was transferred to Columbus in 1877, to take the same positions as those above mentioned, with regard to the insane asylum in that city, a building now in process of construction (to take the place of that destroyed by fire), and which, when completed, will be capable of accommodating 900 patients. Is a member of the Ohio med. soc., its secretary and vice-president during 1858–59–60 and 1864; and a member of the Am. med. asso. He has published various articles in the *Ohio Medical and Surgical Journal*, the *Columbus Review* of 1860, and on "Puerperal Insanity" in the *American Journal of Insanity* in 1859; besides being the author of various asylum reports, and of a report on insanity to the Ohio med. soc. in 1860. In 1858 he married Martha M. Fitzharris.

CHASE, SUMNER B., Osage, Iowa, was born in Livingston, Me., Oct. 4th, 1821. He is of English descent; graduated at Bowdoin med. coll., March 18th, 1849, and settled in Portland, Me., where he resided till 1855, when he removed to Osage, Iowa, his present residence. He is a member of the Mitchell co. (Iowa) med. asso., of which he was the first president, and is now secretary; the Upper Cedar Valley med. asso., of which he was also the first president; the Iowa State med. asso., of which he is at present one of the two vice-presidents; and the Am. med. asso. He is a frequent contributor to medical journals, particularly to the *Boston Medical Journal*, the *Philadelphia Medical and Surgical Reporter*, and the *St. Louis Medical Brief*. From 1857 to 1859 he was register of the U. S. land office at Osage, where he has also held the office of postmaster. He was one of the founders of Osage, and personally plotted the town in 1856. He married, Sept. 3d, 1846, Almira B. Cobb, of Livingston, Me., and has four children—two sons and two daughters—one of the former being a physician practising at Shenandoah, Iowa, and one of the latter the wife of a physician, Dr. J. L. Whillery, at present his partner.

LITTELL, SQUIER, Philadelphia, was born in Burlington, N. J., Dec. 9th, 1803, his ancestors in both lines—Littell and Gardiner—being among the earliest settlers of the State. Graduating from the med. dep't of the univ. of Pa. in 1824, he established himself in general practice in Philadelphia, where—save during the year 1825, when he practised in Buenos Ayres, South America—he has since remained. As a specialty he has devoted himself to ophthalmology, being eminently successful in this branch of practice, and acquiring a wide-extending professional reputation. He is a member of the Philadelphia city and co. med.

socs. and coll. of phys., and is a licentiate of the acad. of med. of Buenos Ayres. His contributions to medical literature, extending over half a century, have been numerous and of exceptional value. In 1828–29 he edited the *Journal of Foreign Medicine*. His most important work is his "Manual of the Diseases of the Eye," of which two editions were printed in this country, and one edition, a reprint of the first American, in England. He also edited the American reprint of Walton's "Ophthalmic Surgery," and contributed, by invitation, an article on "Granular Ophthalmia," which was published in the "Transactions" of the Congrès d'ophthalmologie de Bruxelles (1857). He is the author of several papers on "Electrical Fluctuations, or Variations of Electrical Tension," as the cause of disease, one of which was published in the "Transactions" of the Am. med. asso. Among the contributions of his pen are: "Reports of Diseases Treated at Wills' Hospital;" "The External Use of Cold Water as a Remedial Agent;" "Malaria not the Cause of Fever;" and numerous interesting cases on various subjects; among them one of morbid growth in the ethmoidal and sphenoidal cells, *Dunglison's Medical Intelligencer*, 1838; together with sundry memoirs of deceased fellows of the coll. of phys., read before that body, etc., etc. For thirty years (1834 to 1864) he was surg. to Wills' ophthalmic hosp., and on resigning that position, was elected emeritus surg. of that institution. He is one of the councillors of the coll. of phys. and consult. phys. to the Philadelphia dispensary.

PACKARD, JOHN HOOKER, Philadelphia, was born in Philadelphia, Aug. 15th, 1832. He was educated at the univ. of Pa., having been a student in the academical dep't from 1841 to 1846, in the dep't of arts from 1846 to 1850, and in the med. dep't from 1850 to 1853, when he graduated in medicine. Settling in his native city, he has resided there continuously. He was resident physician of the Pa. hosp., 1855–56; demons. of anat. at the univ. of Pa., 1862–63; attending surg. at Christian street and Satterlee U. S. army hosps.; and consulting surg. to Haddington and Beverly U. S. army hosps. Since 1863 he has been surg. to the Episcopal hosp.; and is also surg. to the woman's hosp. In 1858 he was elected a fellow of the coll. of phys. of Philadelphia, of which he was secretary from 1862 to 1877; is a member of the pathological soc., of which he was president in 1867 and 1868; of the Philadelphia co. med. soc.; of the obstetrical soc., of which he is now (1877) president; of the acad. of natural sciences of Philadelphia; and of the Am. philosophical soc.; and a corresponding member of the New York medico-legal soc. He is the translator of Malgaigne's "Treatise on Fractures," 1859; and the author of a "Manual of Minor Surgery," 1863; of "Lectures on Inflammation," 1865; of "Handbook of Operative Surgery," 1870; of the "Philadelphia Medical Directory," 1868, 1871, and 1873; and of various articles in the *American Journal of the Medical Sciences* and other periodicals. He was married in 1858 to Elizabeth, daughter of Charles S. Wood.

DUTCHER, ADDISON P., Cleveland, Ohio, son of Josiah Dutcher—the latter a putative grandson of the Brown Dutcher immortalized by Irving—was born in Durham, Green co., N. Y., Oct. 11th, 1818. His early education was received at the well-known school of Benjamin Romain—a school whence Paulding, Irving and others scarcely less famous had been pupils. In 1834 he began his professional studies under Dr. John Shanks, of New York; later, entered the office of Dr. Edward H. Dixon, and in 1839—having duly attended lectures—graduated M. D. at the N. Y. coll. of phys. and surg. After practising in Cooksbury, N. Y., and New Brighton, Pa., he established himself, in 1847, in Enon Valley, in the latter State, and was there resident for seventeen years. In 1864 he was tendered the chair of prin. and prac. of med. in the Charity hosp. med. coll., Cleveland. This position he accepted and held during two terms, and since 1864 has been in practice in Cleveland, occupying a leading place in his profession. He is a fellow of the Cleveland acad. of med., president in 1868; honorary member of the Beaver co. (Pa.) med. soc., president in 1863, and ex-member of the Pa. med. soc. His contributions to medical literature have been extensive, and while confined in the first instance to professional periodicals, have been since (in part) issued in book form. The most important of these volumes is "Pulmonary Tuberculosis: its Pathology, Symptoms, Diagnosis, Causes, and Medical Management," vol. i., octavo, pp. 400; 1876. Among his more noteworthy papers are "Epidemic Dysentery;" "Incision of Uterine Neck in 'Missed Labor.'" Sixteen of his lectures, delivered at the Charity hosp., were also republished by request. Among his publications outside of his profession may be mentioned "Selections from my Portfolio; Comprising Lectures and Essays on Popular and Scientific Subjects," vol. i., 8vo., pp. 370, 1858; and a series of articles under

the title, "Common Places in Christian Theology," in the Pittsburgh *Christian Advocate* during the year 1860. He was an active worker in the abolition movement, and has for years, as a speaker and writer, taken a prominent part in the effort to prohibit the sale of intoxicating liquors. He married, March 30th, 1839, Amanda M., daughter of the Hon. Richard Curtis, of New York. His son, Dr. E. A. Dutcher, has for some years been associated with him in practice.

RANNEY, GEORGE E., Lansing, Mich., paternally of Scotch, maternally of French descent, was born in Batavia, N. Y., June 13th, 1839. After receiving an academical education, he entered the med. dep't of the univ. of Mich., graduating thence in 1863. In Sept., 1861, he had enlisted in the 2d Mich. (cavalry) reg., with which he served until July, 1862, when he was discharged on account of severe and protracted illness. Immediately upon receiving his degree, he re-entered the service, was assigned as ass't surg. to his old reg., and as regimental, brigade and division surg., and in charge of the hosp. of the Mississippi cavalry corps, served with distinction until the close of the war. At the battle of Chickamauga he was captured, and was for about three months confined in the stockade at Atlanta and in the Libby prison. In Feb., 1866, he established himself in Lansing, where he has built up a practice, and where he holds a prominent place in his profession. In 1866 he assisted in the organization of the Mich. State med. soc., of which he was then elected, and of which he has since continued to be, the recording secretary. He is also a member, and in 1873 served as president of the Mich. central med. soc., and was a corresponding member of the old Wayne co. med. soc. In 1872 he was chairman of the Lansing board of health, and is resident surgeon at Lansing to the Lake Shore & Michigan Southern railroad co., and to the Chicago & Lake Huron and Chicago & Northeastern railroad co. He has contributed to the periodical literature of his profession papers upon "Bandaging for the Relief of Inflamed Mammæ;" "Lipera;" "Bad Water, a Cause of Typhoid Fever;" "Progress of Medical Science, with Hints upon Vulgar Errors Impeding it," etc. He was married, Sept. 15th, 1869, to Isabella E., daughter of the late Bartholomew Sparrow, Esq., of Iniscartha, Ireland.

FRENCH, ISAAC SMITH, Loudon Ridge, N. H., was born, Jan. 18th, 1834, at that place, his parents being David J. and Abigail S. French. He is a descendant in the seventh generation of John French, of England. He was educated at Gilmanton acad. (B. S., 1851), Berkshire med. institution, and Dartmouth coll., graduating with the degree of M. D., in 1854, from the latter institution. Locating at first in East Salisbury, Mass., he in 1856 returned to the town of his birth, where he has since continued in the practice of his profession. In 1865 he removed an uterine tumor weighing seven pounds by dilation of the os with belladonna and application of ligatures, with perfect success. He is a member of the N. H. and Centre dist. med. socs., holding the position of censor in the latter. Among the most important of his contributions to medical literature are papers on "Pleuro-Pneumonia," 1860; "Diphtheria," 1861; "Physical Education in Public Schools," 1862; "Summer Complaints," 1865; "Typhoid Fever of To-day," 1870; "Hygienic Management of Disease," 1875; also editor of "Household Messenger," and author of several literary and scientific works. For six years he was postmaster at Loudon Ridge; eight years U. S. assessor; and is at present a State justice. During the late civil war he served for a short time as a volunteer surgeon. He was married in 1857 to Augusta, daughter of Charles S. French, Esq., of Barnstead, N. H.

HOBBS, WILSON, Knightstown, Ind., was born in Salem, Ind., Aug. 21st, 1823. His parents came from North Carolina. His early education was obtained at common schools, and Friends' boarding school, Mount Pleasant, Ohio, 1841 and 1842. His medical studies being pursued first at Mich. univ., Ann Arbor, during 1852 and 1853, and afterwards at the Cincinnati coll. of med. and surg., where he graduated in 1869. He commenced practice while a student and while in charge of a Shawnee Indian mission school in Kansas; and after his course at Ann Arbor, located at Indianapolis, Ind., April, 1863, where he remained until the breaking out of the war, in which he took part. In 1865 he went to reside in Carthage, Ind., and finally, 1873, removed and settled in Knightstown. He is a member of the Henry co. med., the Union district med., and the Ind. State med. socs., and was vice-president, acting as president of the latter in 1875; was elected by the same as a representative to the International med. congress held at Philadelphia in 1876; is a member of the board of trustees of the coll. of phys. and surg. of Indiana, and was elected its vice-president in 1876. Many of his papers will be found among the published "Trans-

actions" of the State society, and he has read very many before other medical associations. Besides these he has contributed articles to the *Cincinnati Lancet and Observer*; the *Western Journal of Medicine*; the *Indiana Journal of Medicine*, etc., etc. Was school examiner of Parke co. some years before the war; was commissioned ass't surg. of 85th Ind. vol. infantry, Aug., 1862, and in the following month surgeon of the same; but while in the field was not much with his regiment, having been detailed for duty on the staffs of Generals Baird, Ward, Coburn, Dustin, etc.

MILHAU, JOHN J., New York, was born in France, of American parents, Dec. 28th, 1828. Receiving his professional education at the New York coll. of phys. and surg., he graduated thence M. D. in 1850, and in April, 1851, was appointed an ass't surg. in the U. S. army. Was promoted to be surgeon in April, 1862, and was brevetted lieutenant-colonel in Dec., 1864; colonel in March, 1865; brigadier-general in Sept., 1868. From March to Aug., 1862, he served as med. director of the 3d army corps, army of the Potomac; from June, 1863, to Nov., 1864, as medical director of the 5th army corps, army of the Potomac; and from June, 1867, to April, 1869, as medical director of the 3d military district. In October, 1876, he resigned his commission and made New York his residence. He is a member of the New York pathol. soc. and med. journal asso., and of the Am. public health asso.

GRISSOM, EUGENE, Raleigh, N. C., was born in Granville co., N. C., May 8th, 1831. He is a son of Willie H. Grissom, and grandson of Oliver Wolcott Grissom, who was a descendant of Oliver Wolcott, of Conn., major-general in the army of the revolution, and signer of the Declaration of Independence. The maiden name of Dr. Grissom's mother was Mary Bobbitt, and she was a sister of John B. Bobbitt, a celebrated teacher, of Raleigh. She is still living, and displays extraordinary strength and vigor of mind, in her ninety-first year, after having been the mother of seventeen children, of whom the subject of this sketch was the sixteenth. He passed his early days on his father's farm. After a course at Graham high school, he entered upon the study of law, and devoted some time to teaching. Despite the flattering prospect of success before him, for his popularity was such that he was, at the age of twenty-two, elected superior court clerk, by the people of his county, he turned to the more congenial study of medicine, and graduated from the univ. of Pa. in the spring of 1858. He took rank as a leading physician in the county of his birth, and was engaged in arduous practice until Sept., 1861, when he took command of a company in the 30th N. C. troops, after declining the position of ass't surgeon tendered by the governor of the State. Subsequently he also declined the appointment as surgeon offered by the Confederate States authorities. Severely wounded before Richmond in the "seven days' fight," he was invalided in one of its hospitals, and while there, elected to the general assembly of North Carolina, 1862-63, and was re-elected in 1864. He was chosen one of two surgeons, with the rank of major, to visit and relieve sick and wounded troops from North Carolina in the service of the Confederate States, and was actively engaged until the close of the war, during the recesses of the legislative body, of which he was a conspicuous leader. He sat in the constitutional State convention of 1865, one of the ablest bodies ever assembled in North Carolina, and was a member of the committee to draft the repeal of the ordinance of secession. During the period of reconstruction he held the office of aide-de-camp to the governor, with the rank of colonel, and was untiring in his efforts to allay the agitation of that period, to avert misfortune from many eminent citizens, and to promote tranquillity. Declining many proffers of distinguished political positions, including that of lieut.-governor, he accepted the office of superintendent of the asylum for the insane, at Raleigh, in 1868, which he still retains. His administration has been sustained by legislatures of both political parties. He was elected a member of the board of public charities, and served five years until his declination of a longer term. In 1875 he was elected by the general assembly a member of a building commission to erect the western asylum for the insane, at Morganton. He is a member of the N. C. State med. soc.; a fellow of the Raleigh acad. of med., and a member of the asso. of med. sup'ts of Am. institutions for the insane, and of the Am. med. asso. He was complimented with an hon. membership of the Platonic literary soc. of Rutherford coll., N. C. The hon. degree of LL. D. was conferred on him by Rutherford coll., N. C., in May last, and at the meeting of the Am. med. asso. held in Chicago in June last, he was elected a member of the judicial council. He was also elected chairman of the section of med. jurisprudence, chemistry and psychology of the last-named association for 1877, and was made vice-chairman of the mental diseases section of the

International med. congress held in Philadelphia, in 1876. His contributions to medical literature have been principally on the subject of insanity; among the more noticeable are "Mania Transitoria;" and "The Border Land of Insanity;" a paper on epilepsy read before the N. C. med. soc. last May, and one on "Mechanical Protection from the Violent Insane," read before the asso. of med. sup'ts of Am. institutions for the insane, at St. Louis, in June last. His annual reports have been received with favor by the medical press. He was married in Jan., 1866, to Mary A., daughter of Michael Bryan, Esq., of Brunswick co., N. C., and has four children.

BROOKS, JOHN G., Belfast, Me., was born in York, Me., Feb. 15th, 1821. He is a descendant of Anne Hutchinson, well known in the history of the early settlement of Massachusetts. His classical education was obtained at Dartmouth coll., and his medical education at the Jefferson med. coll., Philadelphia. Graduating from the latter in March, 1851, he settled in Belfast. He is a member of the Maine medical and the Waldo co. med. associations—has been vice-president of the former and president of the latter, and has published various papers in medical periodicals. He has held the position of alderman and of mayor of Belfast, and has served in the legislature as a member of the State Senate.

WHITEHEAD, WILLIAM R., Denver, Col., was born at Suffolk, Va., Dec. 15th, 1831. His parentage is American. He is a graduate of the Va. military institute, Lexington, Va., 1851; of the univ. of Pa., 1853, and of the univ. of Paris (Ecole de medecin de Paris), 1860. He first settled in New York, but on the breaking out of the civil war entered the army of the Confederate States. At the close of the war he returned to New York and pursued his profession there about seven years. In 1872 he removed to Colorado, and ultimately settled in Denver. During his first residence in New York he was made prof. of clin. med. in the New York med. coll., and on his return, held the position, for five years, of physician to the woman's dep't of the northwestern dispensary. He is a member of the Denver med. asso., and of the Col. State med. soc., and was formerly a member of a number of med. socs. in New York. His medical writings have been "On Cleft Palate," published in the *American Journal of Medical Sciences*, *New York Medical Journal*, and the Transactions of the American medical asso.; "On Stricture of Rectum," etc., etc., in *American Journal of Medical Sciences;* various reviews and many other papers on medical subjects. In 1855 he occupied the position of surgeon in the Russian army, in Sebastopol. In the civil war in this country he was regimental surg., senior surg. of brigade, and acting surg. of division in the Confederate States army, and president of med. examining boards for conscripts and disabled soldiers, also, in the Confederate States army. He was alderman of Denver for two years, and chairman of the committee on health of the city council; and at present is a member of the board of health of Denver. In 1877 he was elected president of the Denver med. asso.

BURTON, ERASMUS DARWIN, Collamer, O., was born in East Cleveland, O., Jan. 28th, 1825. His parents, who were of Manchester, Vt., emigrated to Ohio in 1820. His father was a physician, and was connected with the Castleton med. school. His early education was obtained in Cleveland, and his medical studies were pursued in the Cleveland med. coll., where he was a student of Dr. John Delamater. After graduating in 1846, he settled in the neighborhood where he was born, and has continued to practise there until the present time. He is a member of the Cuyahoga co. med. soc.—was its president in 1872 and 1873; censor of the Cleveland med. coll.; member of the Kirtland society of natural history, and of the Am. med. asso. During 1851 and 1852 was member of the Ohio legislature and chairman of the benevolent institutions committee. He married, Oct. 4th, 1854, Antoinette, daughter of Rev. Joseph Merriam, of Randolph, Portage co., Ohio.

KEDZIE, ROBERT CLARK, Lansing, Mich., was born at Delhi, N. Y., Jan. 28th, 1823, of Scotch and American parents; graduated at Oberlin coll. in 1847, and from the med. dep't of the Mich. univ. in 1851; settled in Kalamazoo, Mich., from which in 1852 he removed to Vermontville, Mich., where he remained until 1861, when he entered the army, settling on his return at Lansing. He is a member of the State med. soc., of which he was president in 1874; the Am. med. asso., of whose section on State medicine and public hygiene he was chairman in 1876, and the Am. chem. soc. He has published various papers on public hygiene, among which are "Report on the Influence of Drainage on Health in Michigan," Trans. Am. med. asso., for 1874; "Ozone;" "Ventilation of School Buildings;" "Illuminating Oils;" "Poisonous Wall Papers;"

"Water Supply of Michigan;" "Ventilation of Railroad Cars," and "Poisons in Agriculture." He has also published papers on other subjects, such as "The Influence of the Destruction of Forests on Climate;" "The Climatology of Central Michigan;" "The Magnetic Wells of Michigan," in which he first explained their magnetic phenomena, and exposed the popular fallacy of their curative influence being in any way connected with their magnetic properties. He is a member of the State board of health of Mich.; and in 1867 was a member of the house of representatives of the Michigan legislature. In the civil war he was surg. of the 12th reg. of infantry of the Michigan vols. Since 1863 he has been prof. of chemistry in the Mich. State Agricultural coll. He was married in 1850 to Harriet E. Fairchild, of Ohio.

CUNNINGHAM, FRANCIS DEANE, Richmond, Va., son of Dr. John A. and Eliza (Dillon) Cunningham, and grandson of Edward Cunningham, of Churchill, county Down, Ireland, who immigrated to this country in 1784, was born in Goochland co., Va., July 28th, 1836. Graduating M. D. from the med. coll. of Va. in 1857, he subsequently attended lectures in the med. dep't of the univ. of N. Y., being at one time resident surg. to the Brooklyn city hosp., and in 1859 again received the degree of M. D. In 1859-60 he further pursued his professional studies in London and Paris, paying especial attention to ophthalmic surgery, and upon returning to America in 1861, entered upon practice in partnership with his father. In 1870 he succeeded to his father's large practice, his own reputation as a successful ophthalmic surgeon tending to considerably increase its extent. He is a member of the Richmond acad. of med., president in 1872; of the Va. State med. soc., president in 1875; of the Am. med. asso., and of the Am. public health asso. Since 1867 he has been prof. of anat. in the med. coll. of Va.; since 1872 a member of the Richmond board of health, and in 1876 was a delegate to the International med. congress at Philadelphia. Among his published writings may be mentioned, paper on "Defective Vision, and the Principles on which it may be Corrected by Optical Means," read by appointment before State med. soc., 1872, and published with Transactions of that year; contributions to *Virginia Medical Record*, Richmond, Va., in reports of surgical cases, 1872-73, and to *Virginia Medical Monthly*. In July, 1861, he was commissioned a surgeon in the Confederate States army; served as such until April 27th, 1865, and during the years 1862-63 was med. director of the trans-Mississippi dep't. He married, Sept. 21st, 1864, Agnes Campbell, daughter of Bazil Gordon, Esq., of Caroline co., Va.

SWEENEY, ROBERT L., Marion, Ohio, son of Col. Isaac Sweeney, was born at Gettysburg, Pa., May 22d, 1822. He received his primary education in the common schools of Bucyrus, Ohio, and studied medicine at the Cleveland med. coll., from which he graduated in March, 1849. He practised three years at Bucyrus, and then moved to Marion, where he has since resided. He is believed to be the first man in Ohio who successfully reverted a chronically inverted uterus. He is a member of the Ohio State med. soc., of which he has been the vice-president; and of the Am. med. asso. He is the author of a report on "Inversio Uteri," published in the Transactions of the Ohio State med. soc. for 1865; and of a report on "Amputations," published in the Transactions of the same soc. for 1868. He has held the office of examining surg. for the U. S. pension bureau; was a surg. in the Federal army during the civil war. He married, Sept. 2d, 1852, Elizabeth Concklin, of Marion.

FROTHINGHAM, GEORGE EDWARD, Ann Arbor, Mich., was born in Boston, Mass., April 21st, 1836. Educated at Philips acad., Andover, Mass., and at the med. dep't of the univ. of Mich., he graduated M. D. from the latter in March, 1864, and after practising at North Becket and Hillsdale, Mass., finally established himself at Ann Arbor, making a specialty of ophthalmology. In the course of his practice he has operated by opening sac in aneurism of common carotid; has ligated common carotid for aneurismal tumor of orbit; has made many operations for removal of vesical calculi, cataract, etc. He is a member of the Am. med. asso.; was secretary in 1874 of section of prac. of med. in the same; of Washtenaw co., Mich., med. soc., was secretary for three years, and president from June, 1874, to June, 1875; was a member of Mich. State med. soc., but resigned in 1876, because of difference as to views on medical ethics; while resident in Massachusetts was member of the med. soc. of that State. In 1869-70 and 1871 he was one of the editors of the *Michigan University Medical Journal;* was the author of numerous editorial articles published in that periodical; and has also contributed to other professional publications. In 1867 he was appointed demons. of anat. to the univ. of Mich., and

subsequently, in the same institution, prof. of ophthalmology, 1870; prof. of practical anat., 1875, and prof. of materia medica and therapeutics in 1876. All of these positions, except that of prof. of practical anat., he at present (1877) holds.

KNIGHT, SAMUEL ROBINSON, Philadelphia, was born in Gosberton, county of Lincoln, England, Feb. 28th, 1825. His early education was obtained in his native place, and his medical studies were pursued at the univ. of Pa., where he graduated in 1869. He settled immediately after in Philadelphia. He is a member of the Philadelphia co. med. and the northern med. socs.; is president of the latter; was elected president of the Rush med. soc. in Feb., 1876; is also a member of the pathological soc. of Philadelphia. In 1859 he was elected sup't of the hosp. of the P. E. church.

GIRVIN, ROBERT M., Philadelphia, was born in Strasburg, Lancaster co., Pa., Feb. 3d, 1836, of a parentage and ancestry through whose veins flowed Scotch, Irish, English, Swiss and German blood. He was educated at the Lewisburg univ. and State normal school, in Lancaster co., Pa., and studied medicine at the Jefferson med. coll., whence he graduated in 1862, settling in West Philadelphia. He was resident physician to Philadelphia hosp., and afterwards consulting obstetrician to the same for eleven years; consulting physician to the dep't of diseases of women in the Presbyterian hosp., an institution he assisted largely in establishing. He is a member of the Philadelphia co. med. soc., and also of the obstetric soc. During the war he was for seven months stationed in military hospitals. In July, 1867, he married a daughter of John M. Harper, Esq., of Philadelphia.

HEWETT, ROBERT CARSON, Louisville, Ky., was born in the city of New York, Oct. 9th, 1812, of English parents who soon after settled in Lexington, Ky. His academical education was pursued in part in Miami univ., and subsequently in Transylvania univ. From eighteen until twenty-six years of age he practised the profession of civil engineering, mostly in the service of the State of Kentucky. His medical education was pursued in Transylvania univ., from which he graduated in 1844, settling immediately after in Louisville, Ky., where he has since remained. He is a member of the Am. med. asso., of the Ky. State med. soc., and of the coll. of phys. and surg. of Louisville; was president of the last named in 1859. He held the position of physician to the Kentucky institution for the education of the blind for fourteen years, and that of physician to the Prot. Episcopal orphan asylum for seven years. During the civil war he was acting ass't surg. in the U. S. army. In 1847 he married J. Sidney, daughter of James Anderson, Esq., of Louisville.

MUMFORD, SAMUEL E., Princeton, Ind., was born in Princeton, June 17th, 1837, of Scotch-Irish Covenanter ancestry on both sides, members of the McCalla families on the maternal side, having been active participants in the revolutionary struggle. See "Women of the Revolution." His academical education was obtained at Princeton, Ind., and his medical studies were pursued at the Jefferson med. coll., whence he graduated in March, 1861. He also attended a course of lectures in the Long Island coll. hosp., in 1868, and took a course of clinical instruction under Austin Flint, Sr., at Bellevue hosp., New York, in the same year. He settled in practice in Princeton. During his professional life he has performed a number of capital operations, among them excision of head of femur, trephining, etc., etc. He is a member of the Gibson co. med., the Wabash med., and Tri-States med. socs., Indiana, Illinois and Kentucky; also of the Indiana State med. soc.; the Drake acad. of med., president in 1873, and Am. med. asso. He has made occasional contributions to medical journals, and to the Transactions of various med. socs. Since 1871 he has been U. S. pension examining surgeon. During the war he was ass't surg. of 17th Ind. vols. for one year, then surg. of same reg. to 1865, being perhaps as young as any one in the entire army holding this rank. At the same time he also served as brigade surg. and surg. in chief of Conoly's division. In Jan., 1873, he married Mima Stonebarger, daughter of John Stonebarger, Esq., of Peru, Ind.

BANKSON, JOHN STUART, Stevenson, Ala., was born Sept. 23d, 1822. He is a son of James N. Bankson, born in Washington, D. C., in 1796, and reared in Baltimore, Md. He was educated in country schools, principally in Cherokee co., Ala., and studied medicine at the Graefenberg (Ala.) med. institute, from which he graduated, March 10th, 1854. He began the practice in Cherokee co., Ala., but in the course of a year moved to Lebanon, De Kalb co., Ala., whence, in July, 1861, he removed to Stevenson, his present residence. He is a member of the Ala. med. asso., of which he was elected second vice-president in April,

1876; and of the Am. med. asso. He has contributed to the Transactions of the Ala. med. asso. papers on "The Diseases of Jackson County," 1872 and 1874; and a paper on "Nystagmus," Transactions for 1875. He was married, March 3d, 1857; and a second time, March 9th, 1876.

JOHNSTON, JOHN W., Claysburg, Pa., born in Woodbury, Bedford co., Pa., Jan. 17th, 1843, educated at Dickinson seminary, Williamsport, studied medicine at the Jefferson med. coll., Philadelphia, and at the univ. of Albany, N. Y., and graduating in December, 1867, settled at Claysburg, Blair co., Pa. During the epidemic of diphtheria in his vicinity in 1877, out of one hundred and nine cases he had one hundred and one recoveries. He is a member of the Blair co. med. soc., and is now its president. He was a private in the 133d reg. Pa. vols. during the war of the rebellion; is now surg. of the 5th reg. Pa. national guards. He married November, 1871.

BOAL, GEORGE YOUNG, Baden, Pa., of Irish ancestry, son of John Boal, of Venango co., Pa., born in Jackson township, Venango co., Pa., April 20th, 1840, was educated at the county academies; read medicine with Dr. Robert Crawford, of Cooperstown; studied at the univ. of Pa. in 1865–66, and at the Cincinnati coll. of med. and surg., and graduated in 1870. He is a member of the Beaver co. med. soc., and is now its president. In November, 1869, he married Mary Emma Doyle.

STEWART, JAMES L., Erie, Pa., born near Pittsburgh, Aug. 1st, 1825, of Scotch-Irish parentage. He was educated in private schools, and in the western univ. of Pittsburgh, and graduated in the med. dep't of the univ. of Pa., in 1848. Settled first in Waterford, Pa., but removed to Erie in 1850, where he has since remained, with the exception of four years of service performed as surgeon of volunteers, during the war of the rebellion, having charge, a portion of the time, of one of the large hospitals in the vicinity of Washington. His specialty is surgery, and among the operations performed by him were two of the exsection of nerves. One was the removal of four inches of the median nerve from a patient who had been suffering intense pain for six years from a gunshot wound. The operation was completely successful, pain ceasing immediately after without return, and the patient dying six years thereafter from phthisis. For note of this case see "A Century of American Medicine," page 198. He has been connected with the Erie co. med. soc. since 1849, acting successively as secretary, treasurer, and repeatedly as president; was vice-president of the Pa. State med. soc., in 1867–68; member of the Am. med. asso.; president of the board of visitors for Erie co., under the board of public charities; was member of the International med. congress, which met in Philadelphia in 1876. He has also held the position of exam. surg. for the pension bureau since 1865; and has for the last seven years been president of the board of exam. surgs. He was attending physician to Erie co. almshouse from Oct., 1850, to Jan., 1860; and physician to Erie co. jail the greater portion of the time since 1851. He is also surgeon in charge of St. Vincent's hospital. Dr. Stewart has also been largely interested in public affairs. He has held the position of school director for six years; director and president of Erie co. savings bank since 1871; director and president of Erie transfer co. since 1873; director and treasurer of board of trade for three years; president of building and loan asso. for four years; is medical referee for Mutual benefit life ins. co., etc. In June, 1849, he married Anna D., daughter of Augustine Bartholomew, Esq., of Philadelphia. Their only son, Reid T. Stewart, graduated at the military acad. at West Point, in the class of 1871 (standing 8 in a class of 33), was assigned as 2d lieut. to Co. G, 5th U. S. cav., and was murdered by the Apache Indians, near Tucson, Arizona Ter., Aug. 27th, 1872.

MUSCROFT, CHARLES SIDNEY, Cincinnati, O., son of George and Hannah (Chapman) Muscroft, was born in Sheffield, Eng., Feb. 14th, 1820. Graduating M. D. from the Ohio med. coll. in March, 1843, he established himself in Cincinnati in the same year, and has since been—save during the late war—in practice in that city, making a specialty of surgery. He is a member of the Am. med. asso.; member of the Ohio State med. soc.; fellow of the Cincinnati acad. of med., at present (1876-77) president; member of the alumni asso. of the Ohio med. coll., secretary and treasurer, 1876 and 1877. He has contributed to various professional periodicals a number of essays and reports, among the most important of which may be mentioned: "Exsection of the Ulna," (this case was mentioned by Prof. S. D. Gross in his history of the surgery of this country for the last century); "Osteo Sarcoma of the Superior Maxilla;" "Fracture at the Base of the Skull;" a paper on the "Treatment of Asiatic Cholera," etc., etc. At present he is one of the surgeons to the Cincinnati hosp.; surg. to

St. Mary's hosp., and chief of staff; was the first health officer of Cincinnati, and has filled other similar positions. During the late war he served as surgeon, with the relative rank of major, in the U. S. volunteer army, being attached to the 10th Ohio inf., but was detailed to fill higher positions, such as brig. surg., med. direc., and med. inspec He was married, Feb. 14th, 1850, to Harriet Palmer, daughter of the late Thomas Palmer, Esq.

VAN DEMAN, JOSEPH H., Chattanooga, Tenn., of mixed descent, was born in Delaware, O., Oct. 27th, 1829. Graduating B. A. from the Ohio Wesleyan univ. in 1849 (A. M. in 1852), he entered the Cleveland med. coll. and graduated thence M. D. in 1852. After practising in Delaware and vicinity for several years, he established himself in Chattanooga, Tenn., in 1863, where he has since remained. He is an hon. member of the Delaware co. (Ohio) med. soc.; member of the Tenn. med. soc., its president in 1875–76; permanent member of the Am. med. asso.; member of the Am. public health asso., and in 1876 a delegate to International med. congress, at Philadelphia. Among his professional publications may be mentioned: "Cholera as it Existed in Tennessee in 1873," Transactions Tennessee Medical Society, 1874. In 1861 he was commissioned a captain in the 66th Ohio inf., was captured at the battle of Cedar Mountain, in Va., in Aug., 1862, and remained a prisoner at Libby, for several months; resigned his commission in 1863, and was appointed, in May of that year, ass't surg. 10th Ohio vol. inf. In May, 1864, he was promoted surg. and took charge of the military railroad dep't, div. Miss., and as chief surg. of the same served until Oct., 1865. From 1865 to 1870, and since 1875 to date (1877), he has been exam. surg. for the U. S. pension bureau. He is also exam. surg. for several of the life assurance companies; has remained in Chattanooga ever since his first arrival there in 1863. He married, May 29th, 1854, "Beck" M., daughter of Hon. William G. Norris, of Delaware, O.

HARDING, MYRON HAWLEY, was born, Aug. 7th, 1810, at Williamson, Ontario co., N. Y. His parents were among the earliest settlers in western New York; and at the massacre of Wyoming his father was captured by the Indians under the military command of the notorious Simon Girty. He received his primary education in the common schools of New York and Indiana, emigrating to latter State in 1821, later in life entering the Ohio med. coll., from which he graduated in 1837. He had for four years previous to his graduation practised medicine at Manchester, Ind. In 1845 he removed to Lawrenceburg, Ind., where he has ever since remained in the practice of his profession. He is a member of the Dearborn co. med. soc.; member and former president of the Ind. State med. soc.; hon. member Cal. State med. soc., and permanent member of the Am. med. asso. He has held the position of exam. pension surg. from 1862 to date (March, 1877). He was married in 1838 to Lucy S. Plummer, and in Oct., 1865, to Mary A. Hill.

BROWN, JAMES A., Detroit, Mich., was born, Oct. 13th, 1817, at Charlton, Saratoga co., N. Y. Receiving a preliminary education in the Albany acad., he prosecuted his medical studies in the schools at Fairfield and Geneva, N. Y., and at Willoughby, O., graduating from the latter institution with the degree of M. D. in March, 1842. Commencing practice immediately upon graduating, at Chagrin Falls, O., he removed to his present location in 1851. He is a member of the Am. med. asso.; Mich. State med. soc., of which he was vice-president in 1858 and 1875; and is now president of the Detroit med. and library asso. In 1862 he was appointed a member of, and is now president of, the pension board of Detroit; since 1860 has been physician to the Detroit house of correction; since 1870 has been surg. in charge of the U. S. marine hosp. at the port of Detroit; and is now the med. trustee to the Mich. insane asylum, at Kalamazoo. He was married, Aug., 1848, to Naomi L., daughter of Samuel O. Bancroft, Esq., of Chagrin Falls, O., and his only son, Frank W., has recently graduated with the degree of M. D. at the Detroit med. coll.

BRUNS, JOHN DICKSON, New Orleans, La., was born, Feb. 24th, 1836, at Charleston, S. C., and is the second son of Henry M. Bruns, LL.D., prof. of ancient and modern languages, Charleston coll., and Margaret (Stewart) Bruns, both being natives of this country. He was educated at the high school, Charleston, S. C.; Charleston coll., from which he graduated with first honor in 1854; and S. C. med. coll., graduating with the degree of M. D. in 1857, and receiving a special prize for his thesis on "Life and its Relations, Animal and Mental." He first began practice in his native city, then entered the service of the Confederate States as surg., where he continued until the close of the war, when he went to Europe and prosecuted his medical studies. In 1866 he was called to New Orleans to fill the chair of physiology, in

New Orleans med. school. He has always made a specialty of diseases of the chest and throat. He is a member of the med. socs. of S. C. and New Orleans, and was one of the first vice-presidents of the Southern hist. soc. He was the editor and proprietor of the *Charleston Medical Journal and Review*, from Jan., 1858, to Jan., 1861, and during the same period was prof. of physiol. in Charleston prep. med. school. He served as adjunct prof. of practice in S. C. med. coll., in 1866; prof. of physiol. and pathol. in New Orleans school of med., 1866 to 1870; and as prof. of practice and theory of med. in Charity hosp. med. coll., New Orleans, since 1874. He was married in 1858 to a daughter of Prof. Samuel Henry Dickson, M. D., LL.D.; and in 1870 to a daughter of L. Peirce, Esq., of New Orleans.

ULRICH, WILLIAM BAGGS, Chester, Pa., was born, May 4th, 1829, in Philadelphia, his parents being Samuel and Catherine H. Ulrich. After receiving an academic education in the public schools of Chester, and a boarding school at Unionville, Pa., he entered the Philadelphia coll. of med., and subsequently the New Orleans school of med., graduating from the former in 1850, and from the latter in 1866. Locating at Fairview, La., in 1851, he there continued his practice until 1867, when he removed to Galveston, Texas, and at the end of the following year settled in Chester, Pa., where he has since resided. He is a member of the Galveston med. soc.; Delaware co. med. soc., of which he was vice-president in 1876, and president in 1877; med. soc. of the State of Pa.; and Am. med. asso. Both in Fairview, La., and Chester, Pa., he has held the position of school director. Since June, 1873, he has served as surg. to the Pa. mil. acad., at Chester, Pa. He was married, May 4th, 1854, to Eliza Little Miller, of Fairview, La.

DRENNEN, CHARLES, Arkadelphia, Ala., was born at Arkadelphia, Walker co., Ala., Sept. 6th, 1842, his parents being the Rev. Walter B. and Matilda H. Drennen. After receiving a general education at Tuscaloosa coll., he, in 1871–72, attended the course of lectures at the Washington univ., Baltimore; and in 1872–73 at the Mobile med. coll., graduating with the degree of M. D. from the latter institution in March, 1873; and immediately entering upon the practice of his profession at Hanby's Mills, Ala., remained there until Nov., 1876, when he removed to Arkadelphia. He is a member of the med. soc. of the State of Ala.; the Walker co. med. soc., of which he was elected president in Sept., 1875, and re-elected in Sept., 1876; and of the Walker co. med. exam. board. During the late civil war he served as lieut. in the Confederate army. On July 5th, 1863, he was married to Elizabeth M., daughter of the Hon. Washington Wilson, of Hanby's Mills, Ala.

OWEN, PASCAL HARRISON, son of Col. Lewis Owen, for many years president of the Montgomery & Eufaula railroad co., was born in Lowndes co., Ala., Oct. 3d, 1839. He was educated at New Haven, Conn., and at Union coll., Schenectady, N. Y., and pursued his medical studies in the univ. of N. Y., from which institution he graduated M. D. in March, 1859, delivering the valedictory on the occasion. He located himself in Montgomery in 1859, but removed to Lowndes co. in 1860, and, with the exception of the year 1862, when he was placed in charge of the gen. military hosp. at Montgomery, has been ever since actively employed in that locality in the practice of medicine and surgery. He was elected a member of the Am. med. asso. in 1869; is a member of the Ala. State med. asso.; and of the Montgomery med. and surg. soc., its corres. secretary in 1873–74–75. He is the author of "Reports of Mott's Surgical Clinique;" "Essay on Cannabis Indica, etc.;" "Monograph on Diphtheria," etc. In 1876 he was elected judge of court of appeals, and State senator in Aug. of the same year, for the 16th dist. In this position he was instrumental in getting an act passed in the legislature of Ala. to regulate the practice of medicine in that State, which protects regular practitioners and severely punishes quackery. During the late war he assisted in organizing the gen. military hosp. at Montgomery, and became surg.-in-charge, after the resignation of Surg. Gindrat, in 1862. In April, 1861, he married Mary W., daughter of James H. Smith, Esq., of Lowndes.

CRAIG, ALEXANDER, Columbia, Pa., was born, Dec. 22d, 1838, at Hillside, Westmoreland co., Pa. His father was of Scotch-Irish extraction, and his mother of German, both of whom were natives of Westmoreland co., and among its original settlers. He was educated at Eldersridge acad., Indiana co., Pa., and graduated at the Jefferson med. coll., Philadelphia, in the class of 1865. He settled, May 1st, 1865, at Columbia, Lancaster co., Pa., where he still resides. Early in his practice he performed, with favorable results, a number of very grave surgical operations, including two in lithotomy, which contributed in no small degree to his professional

success. Although a general practitioner by the necessity of his situation, he prefers surgery and obstetrics, either of which he might, if circumstances permitted, make his specialty. He is a member of the Lancaster co. med. soc., of which he was corres. secretary from Jan. 1st, 1872, to Jan. 1st, 1875, and censor during 1876; the State med. soc., of which he was vice-president for 1875; and the Am. med. asso. His contributions to the literature of his profession have all been made through the State med. soc. He is now serving his seventh year as a member of the borough councils of Columbia. Enlisting as a private in Co. F, 135th Pa. vols., he was promoted to the place of hosp. steward of the reg. soon after its formation, which position he held until he was mustered out of service. He is surg. to the Pa. railroad co., and also a director of the Columbia dime savings bank. He was married, Oct. 29th, 1867, to E. M. Righter, of Columbia.

ERICH, AUGUSTUS FREDERICK, Baltimore, Md., was born at Eisleben, Germany, May 4th, 1837. He received his preliminary education at one of the public schools of that place, and had entered the gymnasium of Eisleben, when his family immigrated to this country and settled in Baltimore, in 1856. Having a knowledge of English, he entered the office of Dr. Moncur, late prof. of practice of med. in Washington univ., began the study of med., matriculated in the univ. of Md. in Oct., 1858, and graduated in the same institution in March, 1861; settling in Baltimore in general practice, but turning his attention more particularly to surg. and the dis. of women. He is a member of the Baltimore med. asso.; of the pathol. soc. of Baltimore; med. and chirurg. faculty of Md.; med. and surg. soc. of Baltimore; gynæcol. soc. of Boston; clin. soc. of Baltimore; acad. of med. of Baltimore; Md. acad. of sci.; and has at various times filled many of the offices in one or more of the above societies, among them that of president of the med. and surg. soc. of Baltimore, in 1871. His contributions to professional literature consist of "New Pessary for Procidentia Uteri," *Medical and Surgical Reporter*, May, 1868; "New Uterine Speculum," *New York Medical Journal*, Feb., 1869; "Croup," *Baltimore Medical Journal and Bulletin*, April, 1871; "Cholera Infantum," *Baltimore Physician and Surgeon*, June, 1876; "Postural Taxis in Strangulated Hernia," *ibid.*, Jan., 1875; "Displacements of the Uterus," *ibid.*, June, 1875; "Report on Gynæcology," Transactions of the med. and chirurg. faculty of Md., 1876. Besides the above he was editor of the *Baltimore Physician and Surgeon*, from Dec., 1873, until Jan., 1876. In 1867 he was appointed by the governor of Maryland a member of the first State board of med. exam., under the law for the suppression of quackery and abortion, he having been previously appointed chairman of the committee designated by the Baltimore med. asso. for the purpose of drafting said law. In 1868 he was elected a member of the Baltimore special dispensary, and the specialty of dis. of women assigned to him. In 1873 he was elected prof. of chem. in the coll. of phys. and surg. of Baltimore, and in Dec., 1874, upon the resignation of the prof. of the dis. of women and children, was elected to fill this chair, the name of the professorship being afterwards changed to that of dis. of women. In Nov., 1862, he married Annie, daughter of Henry Baetjer, Esq., of Baltimore.

SKENE, ALEXANDER J. C., Brooklyn, N. Y., a member of the Skene and McConachie families in Scotland, was born at Fyvie, Aberdeenshire, Scotland, June 17th, 1837. He was educated chiefly in the schools of Aberdeen, and studied medicine at Kings coll., Scotland; the univ. of Mich., and Long Island coll. hosp., graduating in 1863. In 1864 he settled in Brooklyn. His practice includes a successful case of gastro-elytrotomy, the first recorded; and one of craniotomy, the operation being performed through Sims' speculum. He is a member of the Kings co. med. soc., of which he was president in 1874 and 1875; the N. Y. obstet. soc., of which he was first vice-president in 1877; the Am. gynæcol. soc.; and the gynæcol. soc. of Boston. His medical publications embrace lectures on "The Pathology of Endometritis, Subinvolution, and Sclerosis Uteri," *Michigan University Medical Journal;* "Urocystic and Urethral Diseases of Women," *Medical Record;* "Diagnosis and Symptomatology of Corporeal Endometritis;" "Prolapsus Uteri, with an illustration of its Surgical Treatment;" "The Treatment of Uterine Disease;" "Sclerosis Uteri: one of the Sequelæ of Puerperal Metritis," *Medical Record;* and "Deranged Menstruation from Imperfect Development of the Reproductive Organs, and Diseases of the General System," *Medical Record;* with papers on "Deformity of the Uterus," *Obstetrical Journal;* "The Pathology and Treatment of Bronchitis," *Medical Record;* "Cases of Thoracic Diseases, showing extensive Pulmonary Lesions, attended with but little Constitutional Derangement," *Medical and Surgical Reporter;* "Feigned Disease and its Diagnosis, as occurring in Military Practice," *American*

Medical Times; "A Modification of Sir James Y. Simpson's Uterine Sound;" "A New Needle for Introducing the Sutures in Rupture of the Perinæum;" "A New Uterine Sound and Scarificator;" "Craniotomy performed through Sims' Speculum;" "Gastro-Elytrotomy successfully Performed," *American Journal of Obstetrics;* "Cicatrices of Cervix and Vagina," Transactions of Gynæcological Society; "Natural and Artificial Dilatation of the Os Uteri in Parturition, either Premature or at Term," *Obstetrical Journal;* "Areolar Hyperplasia and Sclerosis Uteri," *Obstetrical Journal;* and "Inhalations of Lime-water in Croup," *Medical and Surgical Reporter.* From July, 1863, to June, 1864, he served as act. ass't surg. in the U. S. army; and is prof. of gynæcol. in Long Island coll. hosp., and physician to the hosp. He is married.

HERRICK, HENRY J., Cleveland, O., of New England ancestry, was born, Jan. 20th, 1833, in Portage co., O. He prepared for coll. at the Twinsburg (O.) inst.; graduated at Williams' coll., Mass., in 1858; and pursued his medical studies at Rush med. coll., Chicago, Ill., from which he graduated in 1861. He settled at once in Cleveland. His practice includes a number of important operations successfully performed. He is a member of the Ohio State med. soc., of which he was president in 1874. His contributions to medicine consist of reports of cases, and a paper on the "Relation of Science to the Art of Medicine." During the civil war he was surg. and ass't surg. for three years, serving actively in the field with the army of the Cumberland, and being for several months a prisoner at Libby. In 1865 he was appointed prof. of obstet. and dis. of women and children, in the Charity hosp. med. coll. (since incorporated under the name of the med. dep't of the univ. of Wooster), filling the chair for four years; when he was appointed prof. of the princ. of surg. in the same institution, a chair he still fills. He was married, in Dec., 1863, to Mary Brooks, daughter of Dr. M. L. Brooks, of Cleveland.

LARISON, CORNELIUS WILSON, Ringoes, Hunterdon co., N. J., son of Benjamin and Hannah Larison, was born at Sandy Ridge, N. J., Jan. 10th, 1837. After taking a course of lectures at the Pa. coll. of med., he turned his attention to languages, mathematics, and natural sciences, studying at the high school at Flemington, N. J., and at the univ. at Lewisburg, Pa. He graduated M. D. at the med. coll. of Geneva, N. Y., in Jan., 1863, and settled at Ringoes. He is a member of the Hunterdon co. dist. med. soc., and has been its president. He is the author of various papers in the Transactions of the med. soc. of the State of N. J.; of a paper published in 1873 on "Nitrous Suboxide in Pulmonic Affection;" and of one in 1871 on "The Use of Alcohol in Membranous Croup." In July, 1874, he was appointed prof. of nat. science in the univ. of Lewisburg, Pa., and entered upon his duties, but on the death of his partner he returned to Ringoes. In June, 1876, he was appointed prof. of zoölogy in the univ. of Lewiston. In Sept., 1876, he organized the acad. of science and arts at Ringoes, and became its teacher of nat. science. He married, March 26th, 1863, Mary Jane, daughter of Gen. C. Sergeant, of Flemington, N. J.

NORRIS, BASIL, Washington, D. C., was born in Montgomery co., Md., March 9th, 1828, of American parents whose ancestry were English. His literary and classical education was obtained at the acad. in Frederick City, and at the high school at Ellicott's Mills, Md. His medical studies were pursued in the Dunbar med. inst., Baltimore; the univ. of Md., and in the hosps. of Paris. He graduated in March, 1849, and settled in Baltimore. He was attending Hon. William H. Seward, secretary of state, for double fracture of the inferior maxillary bone at the time of Payne's attempt to assassinate him, and attended him for the wounds inflicted by Payne; was also physician of President Johnson and family, and President Grant and family, during their respective terms of office. He is a member of the med. asso.; and also of the med. soc. of Washington, D. C. His contributions to medical literature have been "Report of Operation for Tracheotomy;" and of "Treatment of Cancer by Condurango," published in circular No. 3, surgeon-general's office; "Report of Medical Director of Surgical Operations, etc., after the Battle of Val Verde, New Mexico," in *Surgical History of the Rebellion.* In 1852 he was commissioned U. S. army ass't surg., and was with troops in Texas till 1857; with 2d reg. U. S. dragoons and U. S. artillery in Utah till 1860; and in New Mexico till 1862. In this year he was also appointed med. purveyor dep't of New Mexico, and med. director and purveyor of troops in the field; commissioned surg. U. S. army in April; med. inspector of hosps. in Oct.; med. director left grand div. army of the Potomac, Feb., 1863; made brevet lieut. and col. for faithful and meritorious services during the war. Has been attend. surg. in Washington since 1863.

STRONG, HENRY PARTRIDGE, Beloit, Wis., was born in Brownington, Vt., Feb. 8th, 1832. His father was a leading citizen both in State and church, and was a descendant of elder John Strong, of North Hampton, Mass., who settled there over two hundred years ago, and whose progeny in this country now number over twenty-two thousand. He was educated at Brownington acad. When his father removed to Montpelier he became a clerk in a drug store, and then a student of medicine under Drs. Rublee and Loomis. In 1853 he graduated at the med. coll. in Castleton, Vt., and immediately after settled in Beloit, Wis. He remained here in practice till the breaking out of the war, when he entered the army, from which he resigned in 1863, and returning to Beloit recommenced practice there. He is a member of the American med. asso., and one of its committee of public hygiene; censor of the Wis. State med. soc.; member of the Wis. State board of health. His contributions to medical literature have been occasional articles to the *Boston Medical and Surgical Journal*, and to the *Buffalo Medical Journal*. He has been mayor of Beloit five times since the war; has been postmaster since 1870; and is now chairman of the Republican committee of his district. Entering the army as surg. of the 11th Wis., he was engaged first in Missouri and Arkansas, then joined Gen. Grant's army and ran the Vicksburg blockade. In 1863 he was made surg.-in-chief of the 14th div., 13th army corps, a position which he retained while his connection with the army continued. He was engaged in the battles of Port Gibson, Raymond, Jackson, Champion Hills, Black River Bridge, etc. After the surrender of Vicksburg he felt compelled to resign, by reason of physical disability occasioned by overwork. In 1857 he married Sarah M., daughter of Rev. Dexter Clay, superintendent of home missions for southern Wisconsin.

JOHNSTON, WILLIAM HENRY, Selma, Ala., of French (Huguenot) Scotch descent, was born in Lincoln co., N. C., March 28th, 1839. His professional education was received at the univ. med. coll., New York, whence he was graduated M. D. in March, 1867. During the eighteen months immediately subsequent to his graduation, he was resident physician to Bellevue hosp., and practised in New York city from April, 1868, until Oct., 1871, and then removed to Selma, Ala. He is a member of the Ala. State med. soc., counsellor since 1875; and of the Selma med. soc. He married, Dec. 3d, 1872, the daughter of Dr. James Gage, of Union, S. C.

MCGUIRE, HUNTER, Richmond, Va., was born, Oct. 11th, 1835, at Winchester, Va., his father being Dr. Hugh H. McGuire. He was educated at the Winchester acad., Winchester med. coll., med. coll. of Va., and in the medical schools of Philadelphia and New Orleans. He received the degree of M. D. from Winchester med. coll. in March, 1855. Locating first in Winchester, Va., he removed, in 1858, to Philadelphia, finally locating in Richmond in 1865. He is a member of the Richmond acad. of med., of which he was president in 1869; the asso. of med. officers of the Confederate States army and navy, of which he was president in 1875; and was one of the vice-presidents of the International med. congress, 1876. Among his contributions to medical literature the following are the most important: "Gunshot Wounds of Joints;" "Last Wounds and Death of Gen. T. J. (Stonewall) Jackson;" "Excision of Os Calcis;" "Fibro-Cystic Tumors of Uterus, with case;" "Gunshot Wounds of Pelvis, followed by Stone, with three cases;" "Clinical Lecture on Stone in the Male;" "Extract from Clinical Lecture on Stone in the Female Bladder, with case;" "Drainage in Obstinate Chronic Inflammation in Female Bladder;" "Use of Adhesive Plaster in Chronic Urinary Abscess;" "Cases of Ovarian Tumor, operations;" "Gunshot and other Wounds of the Peritoneum;" "Varicocele, how to operate;" "Ligation of Aorta;" "Ligation Subclavian;" "Injecting Male Bladder without the use of a Catheter, and some of its Advantages," etc. Entering the army of the Confederate States at the commencement of the late war he served as med. director, army of Shenandoah, and brig. surg. "Stonewall" brig., in 1861; med. director army of the valley, 1861–62; med. director 2d corps, army of northern Virginia, 1862–65. He was prof. of anat. at Winchester med. coll., 1855–58, and since 1865 has filled the chair of surgery in the Va. med. coll. He was married, Dec. 19th, 1866, to Mary, daughter of Hon. A. H. H. Stuart, of Virginia.

FOSTER, THOMAS ALBERT, Portland, Me., was born, Feb. 20th, 1827, at Montville, Me. After receiving an academic education in the schools of his native county, he attended one course of lectures in the Albany med. coll., N. Y., and another at the Pa. med. coll., graduating with the degree of M. D. from the latter institution in the spring of 1856. Beginning practice in connection with his preceptor, Dr. N. R. Bertello, at Waterville, Me., immediately upon his graduation, he removed, in the fall of 1858, to

Portland, where he now resides. He is a member of the Me. med. asso., of which he has been treasurer for twelve years and previously recording secretary; Cumberland co. med. soc., of which he has been president. Among his contributions to medical literature the most important are "Reports on Epidemics in Maine during the years 1865–67;" "Sanitary Condition of Portland in 1867;" "Influenza;" "On Stricture of Urethra;" "Case of Cæsarean Operation;" "Effects of Psychological Influence upon Disease;" "Essay on Co-Education of the Sexes;" "Essay on Exercise in Health and Disease." For about ten years he was instructor in the Portland school for med. instruction, serving successively as instructor in anatomy, physiology and surgery. He has been married three times and has two sons, both of whom are practising physicians, and three daughters.

FRANKLIN, CHARLES HIGGS, Union Springs, Ala., was born in Baker co., Ga., May 4th, 1838. His father moved to Coffee co., Ala., about the year 1844, where he received such education as the local schools of his county afforded, and graduated from the med. dep't of the univ. of La. in March, 1866, having previously attended two courses of lectures in the med. dep't of the univ. of Nashville, the latter course being interrupted by the fall of Forts Donelson and Henry, and the advance of the Union armies. He settled straightway at Union Springs. He is a member of the Bullock co. med. soc., of which he has been secretary since its organization in 1867; and of the Ala. State med. asso., of which he was elected counsellor in April, 1874. He married Sallie Banks, Oct. 12, 1871.

HOLTON, HENRY DWIGHT, Brattleboro', Vt., was born, July 24th, 1838, at Rockingham, Windham co., Vt.; fitted for college at the Saxton's River (Vt.) seminary, pursuing his academical course at Rockingham, and studied medicine two years with Dr. J. H. Warren, of Boston, and two years with Professors Valentine and A. B. Mott, of New York, attending lectures at the same time in the med. dep't of the univ. of N. Y., from which he graduated in March, 1860, settling successively in Brooklyn, N. Y. (phys. to Williamsburg disp., Brooklyn, 1860), Putney, Vt., where he remained seven years, and Brattleboro', Vt., his present residence. His specialty is ovariotomy. He is a member of the Connecticut River Valley med. asso., of which he was secretary from 1862 to 1867, and president in 1868; the Vt. med. soc., of which he was a censor for several years, and the president in 1868; the Am. med. asso., and the British med. asso.; a corresponding member of the Boston gynæcol. soc., and member of the Am. pub. health asso., and a delegate to the International med. congress at Brussels in 1875. He is the author of various contributions to the medical journals of the day, and of papers on "Diphtheria" and an "Apparatus for Dislocated Clavicle," published in the Trans. of the Am. med. asso. In 1873 he was appointed by the court med. examiner to the Vt. asylum for the insane; and in the same year was elected by the legislature one of the trustees of the univ. of Vt. He has been surg. of the 12th reg't of Vt. militia. He is now prof. of mat. med. and gen. pathol. in the med. dep't of the univ. of Vt. He was married, Nov. 19th, 1862, to Ellen Jane Hoit, of Vt., and has one child.

HAND, DANIEL W., St. Paul, Minn., of English extraction, was born, Aug. 8th, 1834, at Cape May C. H., N. J. He was educated at Lenmont acad., Norristown, Pa., and the univ. of Lewisburgh; and graduated from the med. dep't of the univ. of Pa. in March, 1856. He settled at St. Paul in 1857. He is a member of the Ramsey co. med. soc., the Minn. State med. soc., and the Am. med. asso. He has occasionally contributed papers to the med. journals. He was in the army throughout the civil war, serving as surg. of the U. S. vols., and as medical director of the dep't of North Carolina, reaching the rank of colonel. He has been president of the Minn. State board of health since its organization in 1871; and is the medical supervisor and referee for Minnesota of many large life insurance companies. He was married in 1868 to Susan M. Freeman, of Petersburg, Va.

MONTGOMERY, EDWARD, St. Louis, Mo., was born in Ballymena, near Belfast, Ireland, Dec. 20th, 1816. His acad. education was obtained at the acad. institution of Belfast, and his med. education at the Royal univ., Edinburgh, where he graduated in 1838. He commenced practice in Ballymena in that year, but in 1842 came to this country and passed some years in the States of La. and Miss. In 1849 he settled in St. Louis as a general practitioner. He is a member of the St. Louis med., and the St. Louis medico-chirurg. socs., of both of which he has been president and vice-president; a member of the St. Louis acad. of science, of the Mo. State med. asso., having been also president and vice-president of the latter; also a member of the Am. med. asso. He has written essays on Congestive, Typhus, Typhoid,

Erysipelatous, and Puerperal Fevers; on Cholera, Croup, Cerebro Spinal Meningitis, Ileo Colitis, Hepatic Colic, Post-partum Inflammations, Scarlatina, Diphtheria, Uterine Hemorrhage, Variola, Antiphlogistic Treatment, Differential Diagnosis of Croup and Diphtheria, etc. In 1873 he was a delegate from the Am. med. asso. to the British med. asso.; and one of the commissioners from the State of Missouri to the Vienna exposition, both of which he attended.

HODGDON, RICHARD LORD, Arlington, Mass., son of Richard and Eunice Hodgdon, was born at South Berwick, Me., April 11th, 1825. Prepared for college at the South Berwick acad., he graduated at Bowdoin coll. in 1845, and at the Jefferson med. coll. in 1852. He settled at Arlington in 1853. He is a member of the Mass. med. soc.; the Boston soc. for med. imp.; and the obstetrical soc. of Boston, of which he was president in 1875 and 1876. He married in 1854 Maria E. Wellington.

MILLIGAN, FRANCIS H., Wabasha, Minn., was born in Philadelphia, 8th Dec., 1830, of Irish and Pennsylvania-Dutch parentage. He studied medicine in the St. Louis univ. and in the Jefferson med. coll., graduating M. D. in the latter in 1851. He settled in St. Louis and remained there till 1853, when he removed to Wabasha, Minn. He is president of the State med. soc. of Minn. and ex-president of the Wabasha co. med. soc. His contributions to medical literature have been numerous. During the war he was three years in the army as medical officer of Minnesota regiments. He holds the position now of president of the Wabasha plank-road company. In 1856 he married Sarah D., daughter of W. C. Abrahams, of Steubenville, Ohio.

HUMPHREYS, LOUIS, South Bend, Ind., was born, Sept. 21st, 1816, at Springfield, O. His father, a native of Ireland, emigrated at an early age to this country, and took part in the war of the revolution. His mother was a native of Virginia. He was educated at the Franklin acad., Ky., and at the high school at Springfield, O.; and studied medicine in the med. dep't of the Ind. State univ., from which he graduated in 1844. Before his graduation he had settled at La Porte, Ind., but in 1844 he removed to South Bend, his present residence. He is a member of the St. Joseph co. (Ind.) med. soc., of which he was president in 1855, 1856, and 1857; the St. Joseph Valley dist. med. soc., of which he was president in 1874 and 1875; the Ind. State med. soc., and the Am. med. asso. His literary contributions consist of occasional articles in the medical journals of the time. For four years he was commissioner of the Ind. hospital for the insane, and for the like period was mayor of South Bend. In July, 1861, he entered the Union army as surgeon of the 29th Ind. vols., serving as brigade surg. from March, 1862, to June, 1862, when he was appointed one of the eight medical inspectors in the U. S. army, with the rank of lieut.-col., in which capacity he served six months in the army of the Potomac and at Washington city, serving subsequently in the armies of the southwest, with head-quarters at Louisville, Ky., and being finally mustered out of service about June 1st, 1866. He married, in April, 1844, M. Pierson, of Cooperstown, N. Y.

LARRABEE, JOHN ALBERT, Louisville, Ky., of Huguenot extraction, son of John R. and Martha C. Larrabee, was born at Gorham, Me., May 17th, 1840. He received his academic education at Gorham, Bethel, and Brunswick, Me., and his medical education at the Maine med. school, from which he graduated in June, 1864. On retiring from the army, he settled in Louisville, his present residence. His specialty is the diseases of children. He is a member of the medico-chirurgical soc. of Louisville, of which he was elected secretary in Dec., 1870; the coll. of phys. and surg. of Louisville; the Louisville obstet. soc.; the Louisville acad. of med.; the Ky. State med. soc., of which he was elected secretary in April, 1871; the Am. med. asso., and the asso. of Am. med. coll. He is the author of papers on "Epidemics," "Summer Complaint of Children," and "Cerebro-Spinal Meningitis." Throughout the civil war he served in the Union army, first as a cadet in the U. S. army, and afterwards as ass't surg., serving in the dep't of the southwest and that of Virginia, on land and sea. He is prof. of mat. med. and therap., and clin. lecturer on the diseases of children, in the hosp. coll. of med. He was married, March 30th, 1864, to Hattie Bulkley, of Louisville, Ky.

ANDERSON, WILLIAM HENRY, Mobile, Ala., son of the late Leroy Anderson, a distinguished educator of Virginia, was born in Richmond, Va., May 6th, 1820. He pursued his academical course at William and Mary coll., Va., and his medical course at the med. dep't of the univ. of Va., from which he graduated in 1842, subsequently attending one course of lectures in Philadelphia and another in New York, and spend-

ing four years in France and Germany in the study of medicine and natural history. He settled at first in Mobile, Ala., where he has since resided. He is a member of the Mobile med. soc., of which he has twice been president; the Ala. State med. asso., of which he was the orator in 1851, and again in 1871; and the Am. med. asso., of whose committee on medical education he was formerly chairman. He is the author of "A Detail of Experiments by Magendie and Bernard on Living Animals," *American Journal of Medical Sciences;* an article on "Scarlet Fever," "The Use of Cod Liver Oil in Various Diseases," *New Orleans Medical Journal;* and a biographical sketch of the late J. C. Nott, M. D., delivered before the med. asso. of the State of Ala. Among contributions to the press may also be mentioned a paper of some length on "Dengue," published in the Transactions of the med. asso. of Ala. In the civil war he served four years as a surg. in the Confederate army. He is prof. of physiol. in the med. coll. of Ala., of which he has been dean from the chartering of the institution in 1860 to the present time. He was married in 1851 to Ann Louisa Witherspoon, daughter of the late Dr. John R. Witherspoon, of S. C.

FULLER, F. G., Lincoln, Neb., was born, July 3d, 1840, at Galesburg, Ill., his parents being L. H. and Hattie Fuller; his father being a native of Massachusetts and his mother of Maine. He was educated in the literary and med. dep'ts of the Mich. univ. Graduating and receiving the degree of M. D., March 25th, 1868, he located in Lincoln, Neb., the following Sept. Being appointed sup't of the Neb. hosp. for the insane, March 1st, 1874, for a term of six years, he is now confining his attention to the subject of insanity. He is a member of the Lancaster co. med. soc. (in which he served as secretary three years and as president two years); the Neb. State med. soc., serving therein a second term as secretary, and having previously been its vice-president; the asso. of sup'ts of Am. institutions for insane, and the Am. med. asso. During the late civil war he served as a hospital steward for three years. He was married, Oct. 26th, 1870, to Miss Townley, daughter of F. N. Townley, of Lincoln, Neb.

KING, EPHRAIM L., Ashtabula, O., of German-Scotch descent, was born at Perryopolis, Fayette co., Pa., Feb. 17th, 1830. Educated at the Allegheny college, Meadville, Pa., and at the Cleveland med. coll., he received his degree of M. D. from the latter institution in 1860, and after practising in Pennsylvania at, successively, Upper Middletown, Greenfield and Monongahela City he finally established himself in 1866 in Ashtabula, Ohio. He is a member of the Lake Shore med. soc., of the Am. asso. for the advancement of science, and in the winter of 1865-66 was lecturer upon mat. med. in the Cleveland med. coll. He was a member of the Minnesota legislature in the sessions of 1857-58-59-60, and during the years 1873-74 was mayor of Ashtabula; was surg. to the board of enrolment for the twenty-fourth dist. of Pa. during the latter part of the recent war, and has been prominently connected with several schemes for founding colonies in McPherson co., Kansas. Also admitted to the bar as attorney and counsellor-at-law by the Supreme court of the State of Ohio in 1871, but did not practise law. He married, March 21st, 1854, Mary M., daughter of the Hon. Wm. Sanborn, of Erie, Pa.

MCLAUGHLIN, ANDREW C., Tremont, O., son of James W. McLaughlin, of Scotch nativity, and Jemimah Stretch, a native of Kentucky, was born, Aug. 1st, 1809, in Concord township, Champaign co., O. He received his early education in the common schools of his county, and eventually studied medicine under Dr. Richard W. Hunt, of Springfield, O., being admitted to the profession, April 2d, 1836, although it was not until the centennial year that he thought it worth while to take a formal degree, receiving one, Feb. 23d, 1876, from the Starling med. coll. He settled at Tremont, then known as Clarksburg, where he has resided ever since. He is a member of the Clarke co. med. soc., of which he has been president, censor, etc.; and of the Ohio State med. soc., of which he was vice-president in 1874 and in 1875; and a permanent member of the Am. med. asso. His first presidential vote was cast in Clarke co. in 1832 for Gen. Jackson, who received at the same voting place fourteen ballots in all, of which every one was copied by the young Jacksonian from a newspaper that he happened to have in his hat. He was at one time surgeon of a regiment of State militia. He was married, Aug. 28th, 1838, to Eliza Jane Beamer, and has had one child, not now living.

DODGE, HORACE OSCAR, Boulder, Col., was born, Dec. 13th, 1840, near Downin's Grove, Ill. His father is a native of Amherst, Mass., his mother of Winchester, Va. He was matriculated at Wheaton coll., where, however, he did not stay for a degree, and graduated from the Chicago med. coll., March 3d, 1868. Settling at Riverside, Ill., he

removed, first, to Valmont, Col., and afterwards to Boulder, where he now resides. He is a member of the Boulder co. med. soc., of which he was the first president, elected May, 1874; and the Col. med. soc., of which he was president at the session of 1876. He has reported a few operations on the female genital organs, published in the Transactions of the State med. soc. for 1875 and 1876. During the civil war he served in the Union army. He was married, Aug. 17th, 1870, to Laura H. Sturtevant, of Chicago.

BUTLER, SAMUEL W., Newport, R. I., was born in Farmington, Me., Feb. 22d, 1816, of American parents, of English descent. He was educated at Harvard university, from which he graduated Feb. 14th, 1842, and settled at Newport, R. I. He is a member of the State med. soc.; of the Am. med. asso.; of the Providence med. soc.; and of the Boylston med. soc., Boston, in 1842. For fourteen years he has been a member of the public school commission. He was appointed surgeon by the governor of Rhode Island, and reported at Fortress Monroe on the occasion of the battle of the "Wilderness," serving, however, only a few weeks. He is treasurer of the Cliff avenue cottage asso. at Newport, and has been a bank director for ten years. He has been married thirty-two years. Was elected city phys. for three years from 1860–1863, and was phys. at the county jail for the same length of time.

LEE, WILLIAM, Washington, D. C., the son of William Barlow and Ann (Whitman) Lee, and the descendant, in the seventh generation, of John Lee, of Agawam (Ipswich), Mass., 1634, was born, March 12th, 1841, in Boston. Receiving there an academic education, he entered the N. Y. coll. of phys. and surg., graduating therefrom in 1863—having served, meantime, in 1861, as acting medical cadet in the U. S. military hosp. at Washington, and in 1862 as assistant in the gov't hosp. for the insane, at Washington, D. C. From 1863 to 1865 he was interne at Bellevue hospital. Establishing himself in practice at Washington, D. C., he has since remained in that city. He is a member of the clin. pathol. soc., and of the Am. med. asso., having been, since 1872, librarian of the latter organization. From 1865 to 1867 he was lecturer on microscopic anat. to the med. dep't of Columbian univ., and was adjunct prof. of anat. and physiol. in the same institution. Since 1872 he has held the chair of physiology; in 1871 he was appointed editor of the *National Medical Journal*, a position that he held but one year, as the journal then ceased its publication; in 1871 he was a member of the Washington board of health; was visiting physician for a number of years (until its dissolution) to the Columbian hospital dispensary.

KERLIN, ISAAC NEWTON, Media, Pa., was born, May 27th, 1834, in Burlington, N. J., his parents being Joseph (son of Isaac Kerlin, of Burlington co., N. J.) and Sarah A. (daughter of John T. Ware, of Philadelphia) Kerlin. After receiving an academic education he entered the med. dep't of the univ. of Pa., graduating therefrom in 1856. The year following he served as res. phys. of Wills' hosp., Philadelphia; from 1857 to 1862 as ass't sup't of the institution for the feeble-minded, Media, Pa.; and from 1864 to the present time as sup't of the same institution; making a specialty of the cure and treatment of idiots and imbeciles. He is a member of the Delaware co. med. soc., of which he was secretary for many years; med. soc. of the State of Pa.; Am. med. asso.; Am. pub. health asso.; and secretary of the asso. of sup'ts of institutions for the feeble-minded. For several months of the years 1862–63 he was connected with the sanitary commission, in charge of its field work in the army of the Potomac. He is the author of a book published in 1858, entitled "Mind Unveiled," giving experiences in the early days of the work of training feeble-minded persons. He was married, Sept. 7th, 1865, to Harriet C. Dix, of Groton, Mass.

WEIST, JACOB R., Richmond, Ind., was born, Nov. 26th, 1834, in Preble co., O. He is of English and German descent. His scientific and classical course of study was taken at the Wesleyan univ., Delaware, O.; his medical course at the Cleveland (O.) med. coll., and the Jefferson med. coll., Philadelphia; from which last he graduated in March, 1861. He settled in New Paris, Preble co., O., from which in 1861 he removed to Richmond, Ind., where he has remained, excepting the period of his military service. Although his practice is general, his attention is chiefly directed to surgery, in which he has performed the principal operations, including amputation at the hip-joint; tracheotomy, lithotomy, extraction of cataract, operation for the vesico-vaginal fistula, ligature of the external iliac, common iliac, carotid, brachial, and femoral arteries, herniotomy, etc., etc. He has also given considerable attention to comparative osteology. He is a member of the Wayne co. (Ind.) med. soc.; the Ind. State med. soc.; and the Am. med. asso. He is the author of a prize essay on

"Cerebro-Spinal Meningitis," and of a paper on "Statistics in Relation to Foreign Bodies in the Air Passages," both published in the Transactions of the Ind. State med. soc.; and of numerous articles in different medical journals. He was acting ass't surg. in the 65th O. infantry from March to July, 1862, after which, July 8th, 1862, he was appointed ass't surg. of the 4th O. cavalry, taking charge for a time of the hospital at Nashville, and serving also in the field, sharing in the battles of Shiloh, Stone River, and Chickamauga, having been slightly wounded at Corinth, after the battle of Shiloh. In 1863, Sept. 11th, he was made surgeon of the 1st U. S. C. T., serving again in the field, and afterwards having charge of the hospitals at Newbern and Goldsboro', N. C., becoming thereafter acting med. inspector and acting med. director of the 25th A. C., and subsequently chief operating surg. in the 1st div. of the 18th A. C., participating in the battles in front of Petersburg and Richmond, Va., and in the capture of Fort Fisher. He is now surgeon to the Pittsburgh, Cincinnati & St. Louis railroad, as also to the Grand Rapids & Indiana railroad. He was married, April 3d, 1856, to Sarah S. Mitchell.

HORR, OREN ALPHONSO, Lewiston, Me., was born at Waterford, Me., Oct. 8th, 1835. Having received an academic education, he entered the med. dep't of the univ. of New York, subsequently attended lectures at the med. school of Me., and was graduated M. D. from the latter institution in 1861. After practising successively at Norway and Minot, he finally established himself, in 1870, at Lewiston. He is a member of the Androscoggin co. med. soc., president in 1876; and of the Me. med. asso., corresponding secretary in 1874; member of the board of censors in 1875; a delegate to the International med. congress at Philadelphia, in 1876, and vice-president in 1877. Of his professional publications may be mentioned: papers "On Croup," Transactions of Maine med. asso., 1872; "On Embolism," 1875; "Report on Necrology," 1876. In the Transactions of Androscoggin co. med. soc. (unpublished), papers "On Criminal Abortion," "Subinvolution of Uterus," "Pleuritis," "Cerebro-Spinal Meningitis," "Torsion of Arteries," "Vaccination," etc., etc. Since March, 1874, he has been city physician of Lewiston, and for the past two years has served on the committee appointed by the Me. med. asso. to urge upon the legislature the necessity for establishing a State board of health. In 1871 he was appointed teacher of anatomy in the Lewiston school for medical instruction, and in 1874 was appointed teacher of the practice of medicine in the same institution; the latter position he holds at present (1877). In Sept., 1864, he was commissioned ass't surg. to the 114th (colored) regiment, U. S. army, and in this capacity served until Oct., 1865. He married, April 7th, 1862, Elizabeth S., daughter of Wm. Kingman, Esq., of Waterford, Me.

HOSMER, ALFRED, Watertown, Mass., son of Alfred and Mary A. (Grahme) Hosmer, was born in Newton, Mass., Sept. 11th, 1832. Educated at Harvard coll. and in the Harvard med. school, he was graduated A. B. in 1853, and M. D. in 1856, and in 1857 established himself as a general practitioner in Watertown. He is a member of the Mass. State med. soc.; of the Boston obstet. soc., and of the Cambridge soc. for med. improvement. For a number of years he has been an occasional contributor to the Boston *Medical and Surgical Journal*. He married, June 6th, 1860, Helen Augusta, daughter of Josiah Stickney, Esq., of Watertown.

KUMPÈ, GEORGE ERNEST, Leighton, Ala., was born in Kassell, in Kur-Hessen, Germany, his parents being Christopher and Mary Kumpè. Completing his preliminary education at the Polytechnic school of Kassell, he began the study of medicine in 1839; a study that was interrupted by his immigration to America in the ensuing year. In 1843 he became the pupil of Dr. D. M. Barclay, of Tuscumbia, Ala.; attended lectures at the univ. of Louisville in 1845–46, and at the univ. of Pa. in 1846–47. He received his degree of M. D. in 1847 from the latter institution. He was in practice for ten years at La Grange, Ala.; then removed to Leighton, where, save during a year passed in Little Rock, Ark., he has since remained. His practice has been general, but he has had marked success in a number of difficult surgical cases. He is a member of the med. soc. of North Ala., having been its secretary from 1867 to 1871, its president 1871–72, and is at present one of its censors; of the Lawrence co. med. soc., its president in 1876; of the Ala. med. asso., twice its vice-president, and its president in 1872–73, and of the Am. med. asso. He has contributed reports on "Climatology and Diseases of North Alabama," and on "Surgery of North Alabama," to the Transactions of the med. asso. of the State of Ala., and has also furnished occasional papers to the leading professional journals. He is a member of the board of trustees of La Grange college, and is similarly connected

with various other educational institutions. He was married (for the second time) in 1847.

NIXON, ALEXANDER B., Sacramento, Cal., was born, March 1st, 1820, in Butler co., O., his family being of English, Irish and Welsh descent. He was educated in the common schools, and Miami univ., and at the Ohio med. coll., Cincinnati, O., graduating from the latter institution in 1846. Commencing the practice of his profession in Hamilton, O., he there continued until 1849, removing to California in that year and finally locating in Sacramento in 1852. Since his graduation he has been continually engaged in the general practice of his profession, and during the last few years has made a specialty of surgery. He has filled the positions of president (for two terms) and secretary of the Cal. State med. soc., and of president of the Sacramento soc. for med. imp. At various times he has contributed articles to the medical journals. In 1856 he assisted in the organization of the Republican party, and for many years took an active part in its operations. He has served as State senator and surgeon to the board of enrolment, Middle district of California, during the late civil war, and for the last twenty years as one of the commissioners of lunacy of Sacramento co. Since 1869 he has been associated with the Central Pacific railroad co., as surg. in chief of their hosp. and med. dep't. He was married in Hamilton, O., 1845, to Margaret Bigham, daughter of the late Geo. R. Bigham, of Hamilton, Butler co., Ohio.

CURTIN, ROLAND G., Philadelphia, was born at Bellefonte, Pa., Oct. 29th, 1839, his father being Dr. Constans Curtin, of that place. Graduating from Williston seminary, East Hampton, Mass., he entered the med. dep't of the univ. of Pa., and in 1866 received his degree (also received the degree of doctor of philosophy from the univ. of Pa.) He established himself in Philadelphia, where he has since resided. While engaged in general practice, he has made a specialty of physical diagnosis. In 1868 he served as ass't U. S. geologist, on the exploring expedition beyond the Rocky mountains, under Prof. Hayden. He was med. officer at the centennial hospital, international exhibition. He is a member of the obstet. and pathol. socs., and the acad. of nat. sciences. During the late war he held the position of U. S. naval store-keeper. At present he is lecturer on phys. diagnosis in the univ. of Pa.; chief of the med. dispens. in the univ. of Pa.; chief of the throat and chest dep't of the Howard hosp., and phys. to the State hosp. for women. Among his publications may be mentioned a paper in the *Medical Times* upon "Sulphuric Acid as a Prophylactic in Cholera."

MCLAIN, ANDREW FERDINAND, New Orleans, La., of French-Scotch descent, was born in parish St. Mary, La., Dec. 22d, 1824. Receiving a common school education, his professional studies were prosecuted in the med. dep't of the univ. of La., and at the Philadelphia coll. of dental surgery. He graduated M. D. in March, 1858, and D. D. S. in Feb., 1856. After practising for a short time in Franklin, La., he came to New Orleans, made a specialty of dental surgery, and rapidly acquired prominence in his profession. He is a fellow of the New Orleans academy of the sciences, being chairman of the section on med. and phys., and of that on chemistry. In the New Orleans dental coll. he is dean, and prof. of institutes of med. and dentistry, and lecturer on dental mat. med. Among his more important papers upon professional subjects may be mentioned these: "Causes of Decay in the Human Teeth;" "Pathology of Anæsthetics;" and "Prophylaxis; or, Prevention of Dental Decay." He was married, July 18th, 1858, to Sabra J. Clark, daughter of Robert Clark, Esq., of Kendall, Orleans co., N. Y.

TRIPLETT, WILLIAM H., Washington, D. C., was born, Sept. 15th, 1836, at Mt. Jackson, Shenandoah co., Va. On the paternal side he is descended from an old Virginia family, of English extraction, represented in the Revolution by Col. Triplett, of Middleburg, Va., and on the maternal side is the grandson of Dr. J. Irwin, educated at the univ. of Pa., where he was placed by his uncle, a refugee from the Irish rebellion of 1798. He is a grandson of Dr. W. H. Triplett, of Front Royal, Warren co., Va., and son of Dr. L. Triplett, Mt. Jackson, Va. Drs. J. J. Triplett and A. V. M. Triplett, Va., are brothers. He graduated at Jefferson med. coll., Philadelphia, in March, 1859. He settled first at Harrisonburg, Va., staying one year, when he went to Woodstock, Va., from which, Feb. 3d, 1873, he removed to Washington, D. C., where he has remained. His specialty is surgery, in which his notable operations embrace six successful cases of lithotomy, the youngest patient being thirty-four years of age. He is a member of the med. soc. of the District of Columbia, and of the med. asso. of the District of Columbia, of whose board of examiners he is also a member. In the *Boston Medical and Surgical Journal* he has discussed the "Improper Treatment of Wounds

in United States Hospitals," a case of "Large Pulmonary Abscess—recovered," "Transposition of Thoracic and Abdominal Viscera, with Hydro-Encephalocele, in an Infant living Thirty Days," "Strangulated Inflamed Inguinal Hernia Simulating Hydrocele," and "Glanders in the Human Subject;" while to the *Richmond and Louisville Medical Journal* he has contributed papers on "Aspirating Enormous Empyema, treated with Medicated Warm Water Injections," on "Hodgkin's Disease," on "Syphilitic Arteritis, with Occlusion of both Subclavian Arteries," and on "Three Forms of Bright's Disease," and many papers to various other medical journals. He is the prof. of anat. in the univ. of Georgetown. He was married, June 1st, 1867, to Kathleen McKoy, who died in March, 1871, leaving as issue one daughter.

HUSTED, NATHANIEL C., New York, was born, Oct. 22d, 1825, at Greenwich, Fairfield co., Conn. After receiving an academical education at the North Greenwich acad., he entered the med. dep't of the univ. of the city of New York, and graduating therefrom with the degree of M. D., in March, 1850, he commenced the practice of his profession in New York city. Among his most interesting cases have been operations for the resection of the elbow-joint and for ovariotomy. He is a member of the Am. med. asso., vice-president in 1874; New York State med. soc.; County med. soc.; New York academy of med.; Am. health asso.; and honorary member of the Conn. State med. soc. His most important contribution to medical literature is a paper on the "Resection of the Elbow-Joint," read before the med. soc. of the State of N. Y. He was formerly surg. to the police dep't and to St. Luke's dispensary, etc., and during the late civil war was appointed surg. by the governor of N. Y., to visit Fortress Monroe and the army of the Potomac, to care for the wounded, etc. He was married first to Mary J., daughter of Wm. Palmer, Esq., and subsequently to Deborah, daughter of Benj. P. Fairchild, Esq.

STEIN, ALEXANDER W., New York, was born, March 3d, 1841, in Buda, Hungary. His father was a physician, and served as chief surgeon in the Hungarian army during the revolution of 1848–49, coming to this country in 1850. The son graduated from the med. dep't of the univ. of N. Y. in 1864, and settled in New York city in 1866, attending to general practice, but making a specialty of genito-urinary and venereal diseases. He is a member of the med. soc. of the county of New York; the Medical Journal asso.; and the East River med. asso., of which he was president in 1876; and is a permanent member of the Am. med. asso. Among his medical writings may be mentioned an article, entitled "Therapeutical Application of the Sulphites and Hyposulphites," *New York Medical Record*, Nov., 1866; an article on "Constipation, its Causes, etc.," *Medical and Surgical Reporter*, Phila., April, 1868; an article on the "Cell Theory," *New York Medical Gazette*, June or July, 1868; an article on the "Pathology and Treatment of Urethritis," *New York Medical Journal*, June, 1870; an article on "Histology and Physiology of the Penis," *ibid.*, June, 1872, republished in the *London Microscopical Journal;* an article on "Retention of Urine," *ibid.*, May, 1874; an article on "Physiology of Micturition," *New York Medical Record*, May, 1876; and a monograph, entitled "Retention of Urine Depending on Urethral Stricture," published in pamphlet form in 1870. He was acting ass't surg. in the U. S. army in Virginia, from May 21st, 1864, to Sept. 6th, in that year, when he was obliged to resign in consequence of severe illness contracted while on duty in a malarial district. In 1868 he was appointed prof. of visceral anat. and physiol. in the New York coll. of dentistry, and in the same year prof. of histol. and comparative physiol. in the New York coll. of veterinary surg. The former chair he still holds, the latter he resigned in the spring of 1875, when he was appointed to the same chair in the Am. veterinary coll. He was also appointed lecturer on genito-urinary diseases during the summer course of 1869, at the med. dep't of the univ. of New York; and in Oct., 1871, visiting surg. to the Charity hosp., an appointment he continues to hold. He is married and has four children.

SANFORD, LEONARD J., New Haven, Conn., was born in New Haven, Nov. 8th, 1833. He pursued his medical studies at the med. institution of Yale coll., and at Jefferson med. coll., Philadelphia, and graduated at the latter in March, 1854. In 1858 he received hon. degree of A. M. from Yale. He has always resided and practised in New Haven. He is a member of the Am. med. asso., of the New Haven co. med. soc., and of various local medical and scientific associations. He has contributed to medical literature a few pamphlets on anatomical and physiological topics. In 1863 he was elected prof. of anat. and physiol. in Yale, and has also been for several years lecturer upon physiol. and hygiene in the academical and theological dep'ts of that institution. He married,

April, 1866, Annie M., daughter of the late William Cutler, Esq., of New Haven, Conn.

HART, BENJAMIN FRANKLIN, Marietta, O., a descendant of Deacon Stephen Hart, of Braintree, Essex co., England, one of the early settlers of New England, and a son of Deacon Benjamin Hart, of Weathersfield, Conn., was born in Watertown, Washington co., O., Jan. 5th, 1823. Under stress of extreme poverty, he gained his education by sheer force of will, and after two terms at the Ohio med. coll., Cincinnati, entered upon practice at Marietta in 1844. Twenty years later, having meanwhile successfully conducted a practice of constantly increasing extent, he entered Bellevue hosp. med. coll., graduating thence M. D. in March, 1864. He is a member of the Ohio State med. soc., elected in 1854; of the Am. med. asso., elected in 1872; and in 1876 was a delegate to the International med. congress at Philadelphia; is censor of the Columbus med. coll.; has served as city physician of Marietta, as a member of the Marietta board of health, and as a member of the Harmar board of education and city councils. In 1862 he was appointed by the sanitary commission of Washington co. to visit battle fields and hospitals for the purpose of ministering to the needs of wounded or sick Ohio soldiers, a duty that he most satisfactorily discharged without compensation. He was appointed surgeon, with the relative rank of major, by Governor Brough, of Ohio, in 1864. He married, Oct. 18th, 1848, Sally M., daughter of Thomas Alcock, Esq., of Marietta, Ohio.

GARNETT, ALEXANDER YELVERTON PEYTON, Washington, D. C., was born, Sept. 19th, 1820, in Essex co., Va., his parents being Muscoe and Maria Willis Battaile Garnett. Receiving a preparatory education from private professors, he afterwards entered the univ. of Pa. Graduating therefrom in the spring of 1841, he entered the U. S. navy, serving as ass't and passed ass't surg. until 1848, when he resigned, and locating at Washington commenced the practice of his profession, and continuing there, with the exception of the time he was engaged in the service of the Confederate States, until the present. Prior to 1861 and since 1866 he has held membership in the med. soc. and med. asso. of the District of Columbia. Among the most important of his contributions to medical literature is a paper "Refuting the Claims of Condurango as a Cure for Cancer." During the late civil war he served in the Confederate States army as surgeon in charge of two hospitals in Richmond, and as member of the board of medical examiners for the Confederate army. In 1858–61 and 1867–70 he was the prof. of clin. med. in the National med. coll. of D. C., and at present is emeritus prof. in the same institution. He is now a member of the boards of directors of the children's hospital and St. Ann's asylum for foundlings, and one of the board of advisory and consulting surgeons and physicians to the Columbia hospital for women. He was the family physician of Mr. Davis and his family during the presidency of the Confederacy; Gen. Lee and family; and to all the members of the Confederate cabinet. He was married, June 13th, 1848, to Mary E., eldest daughter of Hon. Henry A. Wise, former member of Congress, afterwards U. S. minister to Brazil, and subsequently Governor of Virginia.

GLEAVES, SAMUEL CROCKETT, Wytheville, Va., of Scotch-Irish descent, and son of James J. and Malvina (Crockett) Gleaves, was born in Wythe co., Va., Oct. 12th, 1823. After attending several terms at Emory and Henry coll., he entered the med. dep't of the univ. of Pa., graduating thence, with distinction, in April, 1848. Upon receiving his degree he established himself in Wytheville, where he has since remained and where he has built up an extensive practice. In thoracic diseases he has been notably successful, and as a surgeon he has gained a considerable reputation as a bold and skilful operator. He is a member of the Va. State med. soc. and of the Wythe co. med. soc., and has served as president of both organizations. He is also an hon. member of the Abingdon acad. of med. For several years past he has contributed reports of surgical cases to the *Virginia Medical Monthly*. Although frequently solicited to represent Wythe co. in the State legislature, he has uniformly declined the tendered nominations. In June, 1861, he entered the Confederate army as surg. to the 45th Va. reg., was shortly promoted to be brigade surg., and subsequently to be med. director, the highest grade in the service. While in the army he by no means confined himself to his professional duties, being always quite as ready to take part in a fight as he was, the fight ended, to employ his skill in caring for the wounded soldiers. On one occasion, his regiment being stampeded by a suddenly discovered ambush of Federal troops, instead of running, he offered to charge the enemy with a single company; and failing to obtain the company he held his ground, almost alone, for some fifteen minutes, exposed to a fierce fire at short range. He was mar-

ried, Sept. 5th, 1849, to Maria L., daughter of the Hon. Charles L. Crockett.

BOURNONVILLE, AUGUSTUS CASPAR, Philadelphia, was born, March 10th, 1827, at Norfolk, Va., his parents being of French origin. His father, Dr. Anthony Bournonville, was for many years a prominent physician of Philadelphia. Educated in the academic and collegiate dep'ts of the univ. of Pa., he entered Jefferson med. coll. and received his degree of M. D. from that institution in March, 1847. He was also a private pupil of Prof. Mütter. Immediately upon graduation he established himself in Philadelphia, where he has since remained. He accompanied Prof. Mütter in 1851 to Europe. He is a member of the northern med. asso., and of the Philadelphia co. med. soc.; and was a delegate to the Am., State and International med. congresses. He is phys. to St. Joseph's hosp., to the Jewish Foster Home, to the French benevolent soc., and to the German benevolent soc.; also examining phys. to the New York life insurance company; he is a member of the executive committee of the alumni soc. of the Jefferson med. soc., and was a member of the finance committee for building the Jefferson med. coll. hosp. In 1862 he served as surg. of U. S. vols. His most important contributions to medical literature are contained in "The Medical and Surgical History of the War." He was married, 1855, to Kate Smoot, daughter of Mr. Moulder, of Washington, D. C

KENNEDY, JOSIAH FORREST, Des Moines, Ia., was born, Jan. 31st, 1834, at Landisburg, Perry co., Pa., he being the second son of William and Mary C. Kennedy. He was educated at Williamsburg (Pa.) acad.; Dickinson coll., Carlisle, Pa., where he graduated in 1855; at Jefferson med. coll., Philadelphia, and at the med. dep't of the univ. of New York city, graduating from the latter institution with the degree of M. D. in March, 1858. During the years 1855–56 he was principal of the Berrysburg (Pa.) seminary, and he became a medical student in the office of Dr. Isaac Pursell, now of Danville, Pa. After graduating he located at Mechanicsville in Iowa.; in 1861 entered the U. S. army as ass't surg., serving as surg. in charge of Seminary hosp., Georgetown, D. C.; resigning in consequence of sickness, he recommenced the private practice of his profession in the fall of 1862, at Tipton, Ia., and in 1870 removed to Des Moines, where he has since continued. He is a member of the Iowa and Illinois district med. asso., Iowa State med. soc., of which he has been ass't secretary since 1874; and of the Polk co. med. soc., of which he was secretary for two years. Among his contributions to the literature of his profession the most noteworthy are papers "On Herpes Zoster;" "On Chorea;" "On Large Doses of Calomel in Diarrhœa and Dysentery;" "On Burns and Scalds;" "Turpentine in the Treatment of Tapeworm;" "Inebriety and its Treatment;" "On a Case of Gunshot Wound of the Abdomen;" "On Fracture of the Skull with Loss of Brain Substance—Recovery;" and "On Scarlatina." He was prof. of obstetrics in the Iowa State univ., from 1869 to the time of his removal to Des Moines, and is at present the physician of Polk co., having charge of prison, almshouse, etc. He was married, July 13th, 1858, to Mary C., eldest daughter of Henry Reigart, Esq., of Tipton, Iowa.

MORGAN, JAMES ETHELBERT, was born in St. Mary's co., Md., Sept. 25th, 1822. His ancestors belonged to the families of Morgan, of Monmouthshire, and Cecil, of Kent, England. They were adherents to the cause of Charles the First, and were Roman Catholics. They were therefore glad to seek an asylum with Lord Baltimore's loyal and Catholic colony of Maryland, from the dangers that then threatened the Catholics and cavaliers of England. After receiving a collegiate education at St. John's coll., Md., he graduated in medicine in 1845, and immediately commenced its practice in the city of Washington, D. C. He soon acquired a large and lucrative practice in all the branches of his profession, for at that time there were no specialists, and every physician was expected to be competent to treat any case to which he might be summoned. Being of a social disposition and devoted to teaching, he soon attracted around him a large class of students, to whom he delivered clinical lectures in his office, and gave daily examinations. In 1848 he was appointed demons. of anat. in the National med. coll. in the city of Washington, and in the following year, in addition to the duties of demonstrator, he was appointed ass't to the prof. of anat. and recapitulator of his lectures. In 1852 he accepted the chair of physiology in the med. dep't of the univ. of Georgetown, and after filling this during several sessions he resigned to accept the chair of medical jurisprudence in the same school. In 1858 the chair of mat. med. and therap. becoming vacant, at the earnest solicitation of his colleagues he consented to occupy it. These frequent changes entailed on him an im-

mense amount of hard study and mental application. He continued to fill the chair of mat. med. and therap. until the end of the session of 1875–76, when desiring rest, he, with three of his older colleagues in the faculty, retired with the honorary title of emeritus professor. During much of his professional career he has been connected with public institutions. He was phys. and surg. to the Washington asylum and small-pox hosp. for a number of years, and resigned those positions in 1861. He was requested in 1862 by the U. S. sanitary commission to take charge of the Soldier's Rest, an institution for the reception of sick and disabled soldiers on their way to and from the armies of the South. During the same year he was appointed surgeon-in-chief to the quartermaster's hosp. located in Washington. This position he held until the abolition of that hospital in 1865. He was a member of the board of health for the city of Washington during twelve or fifteen years, and was appointed in conjunction with his colleague, the late Prof. Robert King Stone, a committee to investigate the celebrated and mysterious "National hotel disease," which was then creating a great excitement throughout the United States. He has been president of the med. soc. of the D. of C., and vice-president of the med. asso., having previously held most of the minor offices of these bodies. He was among the earlier members of the Am. med. asso., being accredited to its meetings either as delegate of the college in which he was professor or of the med. soc. of the D. of C. When the judicial council was organized in 1873, he was selected as a member, and on the expiration of his term of service was re-elected in 1875. He had charge for a number of years of the medical staff of the militia of the D. of C., and on the breaking out of the war he was appointed col. of the 4th reg. of the D. of C. militia. After organizing this regiment he resigned, and accepted the office of surgeon of the militia. He did this because, although he had opposed secession with all his influence, he was unwilling to take up arms against his own people. He was for a number of years trustee of the public schools of the city, and was one of the board that organized the present efficient system. He was elected in 1850, without regard to party, a member of the board of aldermen for the city of Washington, and was the youngest member that ever had a seat in that body, but having no taste for political life he soon retired, and ever afterwards devoted his entire attention to his profession. In June, 1854, he married Nora, the only daughter of William Dudley Digges, of Maryland, a descendant of Edward Digges, one of the colonial governors of Virginia, and by her mother of the patriotic family of Carroll, of Maryland. By this marriage he had seven children, six of whom are now living, and the eldest is now completing his medical education in Paris. Dr. Morgan is now fifty-five years old, in robust health, with an ample competency and practising his profession at his pleasure.

COHEN, JACOB DA SILVA SOLIS, Philadelphia, of Jewish and Spanish descent, eldest son of Myer D. and Judith Simira (Solis) Cohen, was born in New York, Feb. 28th, 1838. Having received his preparatory education in the Philadelphia public schools, he was graduated A. B. from the central high school in Feb., 1855; attended lectures in 1856–57 at Jefferson med. coll.; in 1859–60 at the univ. of Pa. (med. dep't), and in March, 1860, received from the latter institution his degree of M. D. During 1858 and 1859 he resided in Memphis, Tenn.; in Philadelphia until April, 1861; in New York during the year 1865, and since Jan., 1866, has been re-established in Philadelphia. For a number of years he has made a specialty of diseases of the throat and chest. He is a fellow of the Philadelphia coll. of phys. (to which he was appointed Mütter lecturer in 1871); and member of the northern med. asso. of Philadelphia, vice-president in 1865 and 1874, and president in 1875; of the Philadelphia co. med. soc.; of the pathol. soc.; of the med. soc. of the State of Pa.; of the Am. med. asso.; of the Franklin institute; of the Philadelphia acad. of the natural sciences, etc., etc. He has for some years occupied the position of lecturer on laryngoscopy and diseases of the throat and chest in Jefferson med. coll. Of his published writings may be mentioned, "A Treatise on Inhalation," 1 vol., 12mo., pp. 305, Philadelphia, 1867; second ed., 1876; "Diseases of the Throat," 1 vol., 8vo., pp. 582, New York, 1872; "Croup in its Relation to Tracheotomy," 1 vol., 8vo., pp. 78, Philadelphia, 1874; a few minor monographs and a number of papers, published in leading medical journals and Transactions of medical societies (1860–1877). He is also one of the translators of Ziemssen's Cyclopædia. He has occupied the positions of resident phys. to Philadelphia hosp. (1860), consulting phys. to the Northern dispensary, Philadelphia, and to the Jewish hosp. of Philadelphia; and at present occupies those of attending phys. to the German hosp.; phys. to the Jefferson med. coll. hosp., and lecturer on laryngoscopy and diseases of the throat and chest

in the Jefferson med. coll. In April, 1861, he was appointed ass't surg. to the 26th Pa. reg. (the first regiment accepted by the government for three years or the war); was in the same year appointed acting ass't surg. U. S. navy, and detailed to the U. S. steamer Florida, in which vessel he accompanied the expedition under Commodore Dupont to Port Royal; remained in the South Atlantic blockading squadron until Jan., 1864, when he resigned; and after his return to Philadelphia, on the request of the medical authorities, subsequently served for several months as acting ass't surg. U. S. army in hosp. service in Philadelphia. He married, Feb. 10th, 1875, Miriam, second daughter of Isidor Binswanger, of Philadelphia.

FULLER, ANDREW J., Bath, Me., was born in Paris, Me., Sept. 15th, 1822, of English parentage. He was educated at Hebron acad., Me., and pursued his medical studies at the med. school of Me., at the univ. of New York, and at the Jefferson med. coll., Philadelphia, whence he graduated June, 1842, settling first at Searsmont, Me. He removed to Bath in 1847, entering into general practice, and performing some of the major operations; among them, amputation at hip-joint, with success; surgery and female diseases being his specialty. He is a member of the Am. med. asso., and of the med. asso. of Me., was its president in 1871. He is the author of an essay on "Cholera Infantum;" a report to Am. med. asso., in 1856; and of one on "Prognosis of Fractures," and other papers, to Me. med. asso. During the war he was surg. of the 2d Me. infantry. He was president of the Lincoln fire insurance company five years, and exam. phys. of Conn. Mutual life insurance company. In July, 1843, he married Harriet M. Marston, daughter of George Marston, Esq., of Bath, Me.

KENNEDY, ALFRED L., Philadelphia, was born in Philadelphia, Oct. 25th, 1818. His paternal ancestry were natives of Aberdeenshire, in Scotland. His maternal grandfather, Nathan Jones, was chief clerk of the government State department from 1776 to the time of the removal of the Federal capital to Washington. He was educated in Philadelphia, and afterwards passed three years, with Prof. John Millington, civil and mining engineer. Subsequently also, for three years, in the office of Dr. D. Francis Condie, and the med. dep't of the univ. of Pa. He graduated in 1848. He passed two winters in the laboratory of experimental physiology of Profs. Magendie and Claude Bernard, college de France, Paris, and of physiol. and pathol. chemistry of Prof. C. G. Lehman, Leipzig; also one year, 1850–1851, at the ecole de medicine, Paris, and the field class of Prof. Constant Prevost, in geology, and of Prof. Adrien de Jussieu, in botany, at Sorbonne, Paris. He located himself in Philadelphia in 1853, and in 1865 retired from practice and settled in Montgomery county. He is a member of the Philadelphia society for promoting agriculture, elected 1842, and was its recording secretary from 1852 to 1870; of the congres centrale d' agriculture, France, elected 1851; Philadelphia co. med. soc., 1849, corres. secretary of same, 1857; coll. of phys., Philadelphia, elected 1852; Am. asso. for the advancement of science, elected 1855; med. soc. of the State of Pa., elected 1856; recording secretary of same, 1857 and 1858; Am. med. asso., elected 1856; and corres. member of the New York acad. of science, elected 1876. He has published "Practical Chemistry a Branch of Medical Education, Considered in a Letter to his Class," etc., Philadelphia, 1852. He was made ass't prof. of chemistry in the Pa. med. coll., in Nov., 1839; lecturer on chemical physics, 1840; on general and medical botany in 1842, and on medical jurisprudence and toxicology in 1842; lecturer on medical chemistry, Philadelphia school of medicine, 1843; on industrial botany, Franklin institute, 1849; and also on agricultural chemistry, there, 1852. He was elected prof. of med. chemistry in the Philadelphia coll. of medicine in 1849; and in 1842 established the Philadelphia school of chemistry, and was its principal until 1853, when it was expanded, under charter granted by the State, into the polytechnic coll. of the State of Pa., and board of corporators appointed, etc. He was elected president of the college the same year, a position he still holds. He held the position of vice-president of the American agricultural congress in 1876, and the same position of the Pennsylvania agricultural society in the same year. He was a director of public schools in Philadelphia during 1854. During the war he was vol. surg. of the 2d army corps at the Gettysburg hosp., in 1863, and in the same year was commissioned, by Secretary of War Stanton, col. of volunteer engineers.

CHANCELLER, CHARLES W., Baltimore, Md., was born in Virginia, Feb. 19th, 1833; is of English ancestry; was educated at Georgetown coll. and the univ. of Va.; graduated at Jefferson med. coll. in 1853; practised at Alexandria, Va., until 1861; and after the civil war at Memphis,

Tenn., until 1868, when he settled in Baltimore. For five years he was prof. of anat. and dean of the faculty of Washington univ., Baltimore. He is a member of the med. and chirurg. faculty of Md.; the Am. med. asso.; and the Am. public health asso.; and corres. member of the Boston gynæcol. soc. He has contributed numerous monographs to medical literature, and has published "An Inquiry into the Conditions of the Prisons, Reformatories and Charitable Institutions of Maryland." For three years he was a member of the first branch city council of Baltimore, and for two years commissioner of the public schools of that city; and is now president of the Maryland State insane asylum; secretary of the Maryland State board of health; president of the Washington univ., Baltimore, etc., etc. For four years he was a staff surg. in the Confederate army. He has been twice married; first, to a daughter of General A. G. Taliaferro, of Virginia, and a second time to a daughter of Col. William Ormond Butler, of Tennessee.

WOODS, DAVID FLAVEL, Philadelphia, was born near Carlisle, Pa. He is of Scotch-Irish parentage. He is a graduate of Dickinson coll., and received his degree in medicine from the med. dep't of the univ. of Pa., in the spring of 1863. He settled in Philadelphia. For seven years, beginning with 1864, he was a teacher in the med. dep't of the univ. of Pa. He is a member of the coll. of phys. of Philadelphia; the pathol. soc.; and the Philadelphia co. med. soc. He is a contributor to the *Medical and Surgical Reporter*, and the *Philadelphia Medical Times*. He was resident phys. to the Philadelphia hosp.; to the Episcopal hosp.; to the dispensary staff, of which latter he was also visiting surg., and is now one of the attending phys. to the Presbyterian hosp. He is medical examiner of the New York life insurance company, and of the Traveller's life and accident insurance company, of Hartford, Conn. He was married, in Oct., 1867, to Helen R. Stewart, daughter of B. D. Stewart, of Philadelphia.

LINDSLEY, HARVEY, Washington, D. C., was born in Morris co., N. J., Jan. 11th, 1804. He is descended through both parents from English stock, the representatives of which came to this country two hundred years ago, and settled in New Jersey. He was prepared for college at the classical academy in Somerset co., N. J., conducted by the Rev. Dr. Finley, afterwards president of the univ. of Ga.; graduated at Princeton, and studied medicine in New York and Washington, at which latter city he took his medical degree in 1828, and immediately after began the practice there, and has resided there ever since, although he retired from general practice in 1872. He is a member of the med. soc. of Washington; and of the Am. med. asso., of which he has been president; and hon. member of the Rhode Island med. soc.; of the historical soc. of N. J., etc., etc. He has published numerous articles in the *American Journal of Medical Science*, and other medical journals; and also in the *North American Review*, the *Southern Literary Messenger*, and other literary periodicals. For several years he was prof. of obstet., and subsequently of the principles and practice of medicine in the National med. coll. in the D. of C. He was president of the Washington board of health for many years, beginning in 1833; for over thirty years he was a member of the American colonization soc., and chairman of its executive committee, and he is now president of the Washington alumni asso. of Princeton coll.

LE HARDY-DE BEAULIEU, JULIUS CÆSAR, Savannah, Ga., was born at the chateau de Fichermont, Belgium, Oct. 21st, 1831, of Belgian parentage. His literary, classical, and scientific education was obtained at the Brussels athenæum, the Brussels université libre and école Ponts et Chausseé, and his medical and pharmaceutical studies in the Georgia med. coll., Augusta, and the Jefferson med. coll., and coll. of pharmacy, Philadelphia. He graduated from the Jefferson coll. in 1855, and settled first near Rome, Ga., and afterwards in Savannah. He is a member of the Ga. med. soc., elected member in 1858, and president in 1873; of the Am. med. asso., elected 1857; and of the med. asso., State of Ga., elected member in 1868, and treasurer in 1869. He is the author of "Treatment of Stricture of Urethra;" "The Duality of Syphilitic Poison;" "The Ærial and Terrestrial Influences on Disease," etc., etc. He held the position of prof. of chemistry in the Oglethorpe med. coll., and was also member of the historical soc. of Ga. He has been married twice; the first time to Sarah, daughter of Dr. W. C. Daniell, of Ga. She died in 1873. In May, 1874, he married Elizabeth P., daughter of John Richardson, Esq., Edgefield district, S. C.

CALLENDER, JOHN HILL, Nashville, Tenn., descended from Scotch settlers in Pennsylvania and Virginia, was born in Nashville, Nov. 28th, 1832. Graduating from the univ. of Nashville, he entered

the med. dep't of the univ. of Pa., and from that institution received, in 1855, his degree of M. D. Since 1855 he has been in general practice in Nashville. He is a member of the Tenn. State med. soc.; of the Am. med. asso.; and of the association of superintendents of American hosps. for the insane. In 1858 he was appointed prof. of mat. med. and therap. in Shelby med. coll.; in 1868 prof. in same chair in med. dep't univ. of Nashville, and since 1870 has been prof. of diseases of the brain and nervous system in the Vanderbilt univ. and univ. of Nashville. He was appointed in 1869 med. superintendent of the Tenn. hosp. for the insane, a position he continues (1877) to fill. In 1855–56–57 he was editor of the Nashville *Patriot*, and in 1866–67–68–69 editor of the Nashville *Union and American*. From Oct., 1861, to Feb., 1862, he served as surg. in the Confederate army. He married, 1858, Della Jefferson Ford, daughter of John T. Ford, M. D.

SPOONER, EDWARD AMASA, Philadelphia, was born Jan. 7th, 1830. He pursued his medical studies at the Harvard med. school, and the Jefferson med. coll., graduating at the latter in 1854. He settled in Philadelphia. From 1861 to 1870 he was obstetrician to the Philadelphia dispensary. He is a fellow of the coll. of phys., Philadelphia. He married Hannah Adams, of Newton, Mass., Oct. 9th, 1856.

HIMES, ISAAC N., Cleveland, Ohio, son of George W. and Joanna Sturgis Himes, was born at Shippensburg, Cumberland co., Pa., Dec. 4th, 1834. Educated in the univ. of Pa. and Jefferson coll., Cannonsburg, Pa.; graduating at the latter coll. in 1853; he attended lectures in the med. dep't of the univ. of Pa.; subsequently entered the coll. of phys. and surg., N. Y., and from the last-named institution received in 1856 his degree of M. D. During the ensuing eighteen months he was a member of the house staff of Bellevue hosp.; was in 1860–61 ass't resident phys. of the Nursery hosp. on Randall's island, and in the spring of 1861 established himself in private practice at Chillicothe, O. In the fall of the same year he was appointed ass't surg. of the 73d reg. Ohio vols.; was in a short time promoted to be surg. to the same reg., and in the latter capacity served until the close of the war. The war ended, he spent two years in professional study in Germany and France, several months in travel in the U. S., and in attention to private interests, residing a year in San Francisco, Cal., and in 1871 finally established himself in practice in Cleveland. He is one of the visiting board of Cleveland city hosp.; member of the Cuyahoga co. med. soc.; Ohio State med. soc., and Am. med. asso. In 1863-64 he was prof. of anat. in Cleveland med. coll., and in 1871 was appointed prof. of physiology and physiological and pathological histology in the same institution. The latter position he continues, 1877, to hold.

LINLEY, JAMES M., Atchison, Kansas, was born in Concord, Mason co., Ky., Oct. 28th, 1837. His professional education was received at the Miami med. coll., and at the med. coll. of Ohio, whence he graduated M. D. in 1858, and in 1863 he attended a supplementary course of lectures at the Bellevue hosp. med. coll., New York. From 1860 to 1863 he was engaged in practice in Hickman, Ky., and since Feb., 1865, has been established in Atchison. He is a member of the Kansas State med. soc., and of the Atchison co. med. soc. In March, 1864, he was appointed acting ass't surg. U. S. vol. army; in the following April, established the post hosp. at New Madrid, Mo., and was in charge of this establishment until Feb., 1865. He was commissioned surg. to the 7th Missouri cavalry, but the war ended before he was mustered into the service. He married, May 29th, 1859, Mary A. Hubbard, daughter of Charles Hubbard, M. D., of Hickman, Ky.

STRAWBRIDGE, GEORGE, Philadelphia, was born in Philadelphia, Oct. 18th, 1844, his family being of Dutch descent. Educated, primarily, at the univ. of Pa., he graduated from the dep't of arts in 1862, and in March, 1865, from the dep't of medicine. He was subsequently resident for three years in Europe, attending lectures at the univs. of Vienna, Berlin and Heidelberg, and especially directing his studies towards otology and ophthalmology. Returning to America in 1868, he established himself in practice in Philadelphia, making a specialty of diseases of the eye and ear. He is surg. to Wills' ophthalmic hosp.; to the ophthalmic dep't of the Presbyterian hosp.; in charge of eye and ear dep't, Philadelphia dispensary, and lecturer upon diseases of the ear to the univ. of Pa. He is a member of the German and Am. ophthalmological socs.; German and Am. otological socs.; of the county and State med. socs.; of the Am. med. asso., and a fellow of the coll. of phys. In 1876 he was a delegate to the International med. congress. He has been a liberal contributor to the literature of his specialty, his papers having appeared in the leading professional journals,

German and American. He was married, June 6th, 1873, to Alice, daughter of John Welsh, Esq., of Philadelphia.

O'HARA, MICHAEL, Philadelphia, Pa., was born, Jan. 2d, 1832, in Philadelphia, his parents being Thomas and Louisa O'Hara, formerly of Limavaddy, county Derry, Ireland. After receiving an academic education in the public and central high schools of Philadelphia, he entered the med. dep't of the univ. of Pa., graduating therefrom with the degree of M. D. in April, 1852. Since his graduation, with the exception of four and a half years' service as ass't surg. in the U. S. navy, and of about a year as first ass't, then the surg. of the 150th reg. Pa. vols. during the late rebellion, he has been engaged in the practice of his profession in his native city. He is a member of the county med. soc., of which he has been vice-president; and of the patholog. soc. He has written for the magazines and societies frequently, and his article on mono-bromide of camphor in alcoholism is quoted in Dr. Hammond's last work. He has long been actively connected with the Catholic total abstinence union of America; serving as chairman of the Centennial fountain committee, during the whole of the time of the erection of the magnificent Centennial fountain and statuary erected in commemoration of the Centennial of American Independence, July 4th, 1876, and dedicated on that date in honor of civil and religious liberty. He was the original proposer of that work. He was delegate from Philadelphia co. med. soc. to the International med. congress, July 4th, 1876. He was married, Oct. 12th, 1865, to Frances, daughter of the late Richard McCunney, of Philadelphia.

MATHEWSON, ARTHUR, Brooklyn, N. Y., son of Rufus Smith and Faith Williams (McClellan) Mathewson—the latter, granddaughter of General Samuel McClellan and of William Williams, one of the signers of the Declaration of Independence, and a great-granddaughter of Governor Jonathan Trumbull, of Connecticut—was born in Brooklyn, Conn., Sept. 11th, 1837. Educated at Woodstock acad., Yale coll., A. B., 1858, A. M., 1865, and the univ. of New York; he graduated M. D. from the med. dep't of the latter institution in March, 1861, and in July of the same year was appointed ass't surg. in the U. S. navy. In June, 1864, he was promoted to be passed ass't surg., and in March, 1865, to be surg. In December, 1865, he resigned his commission, was for a year resident in Mississippi, and in 1867 established himself in Brooklyn, N. Y., making specialties of the diseases of the eye and ear. In Brooklyn, save during a year spent in professional study in Europe, he has since been engaged in active practice. He is a member of the Kings co. med., and of the International, Am., and New York ophthalmological and otological socs. In 1876, in the Yale med. school, and since 1870, in the Long Island coll. hosp., he has been lecturer on ophthalmology and otology. In 1868 he was associated with Dr. C. R. Agnew and others in founding the Brooklyn eye and ear hosp., an institution with which he has since been connected, and which has now (1877) one of the largest special clinics in the country. He has for a number of years been a contributor to the leading medical periodicals, and beside the papers thus issued he has translated—adding notes and an extended supplement—Prof. Politzer's "Belenchtung's bilder Des Frommelfell's." He married, Oct. 15th, 1870, Harriet Silliman, daughter of Thomas Blagden, Esq., of Washington, D. C.

FORWOOD, WILLIAM STUMP, Darlington, Md., was born in Harford co., Md., Jan. 27th, 1830. He is of American parentage on both sides for several generations, but originally of English descent on the paternal side, and of Swedish and German on the maternal. His education was begun in country schools, and completed at the Darlington acad. He studied medicine under the late Dr. Robert H. Archer, of Harford co., Md., and at the med. dep't of the univ. of Pa., from which he graduated April 1st, 1854, graduating also in the same year from Warrington's obstetric institute in Philadelphia. He practised at Darlington, Harford co., Md., from the date of graduation until 1869, when he removed to Philadelphia, remaining there until the beginning of 1871, and removing then to Clarke county, Ala., where he remained until Jan., 1873, at which time he returned to Darlington. He is a member of the med. soc. of Harford co., of which he is now (1877) secretary; the Clarke co. (Ala.) med. soc., of which he was president in 1872; the Alabama State med. asso.; the med. and chirurgical faculty of Md.; and the Am. med. asso. He has contributed, during the last twenty years, numerous reports of cases, etc., to various med. journals, chiefly to the Philadelphia *Medical and Surgical Reporter*, and is the author of a work on the "Mammoth Cave of Kentucky," explaining the causes concerned in its formation, its atmospheric conditions, its chemistry, geology, zoölogy, etc., with full

scientific details of the eyeless fishes. This work, first published in 1870, has reached its fourth edition. He was first married, June 16th, 1857, to Pamela, daughter of Dr. Joshua Wilson, of Harford co., Md.; and again, May 6th, 1863, to Addie, daughter of the late Thomas W. Bond, of Frankfort, Ky., originally of Harford co., Md. He has two children—girls—both by his present wife.

LEASURE, DANIEL, Allegheny, Pa., was born, March 18th, 1819, at Madison, Westmoreland co., Pa. His paternal ancestry was Huguenot; his maternal, Scotch-Irish Covenanter. Receiving an academic education, he entered Jefferson med. coll., graduating therefrom in 1846. He was in practice, successively, at Darlington and New Castle, Pa., remaining at the latter place for twenty-one years. In 1870 he removed to Allegheny, and has since continued in active practice in that city. He is a member of the Pa. med. soc., and of the Am. med. asso. During the last thirty years he has been a frequent contributor to the *American Journal of the Medical Sciences*. In the spring of 1861 he entered the U. S. volunteer army on the first call for troops, a captain in the 12th Pa. reg. After the expiration of the three months term, he raised and was commissioned a colonel of the 100th Pa. reg., which he commanded during the remainder of the war. He was mustered out of the service in 1865, with the brevet rank of brigadier-general.

WALES, PHILIP SKINNER, Washington, D.C., was born, Feb. 27th, 1837, in Annapolis, Md. His father was a native of Dorchester co., Md., his mother of St. Mary's co., Md. He was educated at the Baltimore City coll., and the univ. of Md., graduating at the latter in March, 1856, after which he entered the med. dep't of the univ. of Pa., from which he graduated in March, 1860. Settling at Baltimore, Md., he removed, first, to Philadelphia, Pa., and afterwards to Washington, D. C., his present residence. His specialty is nasal, pharyngeal, and laryngeal surgery. He is a member of the acad. of natural sciences; the Am. med. asso.; and the gynæcol. soc. of Boston. His contributions to medical literature comprise: "Surgical Operations and Appliances," 8vo., Philadelphia, 1867; "A New Method of Controlling the Velum Palati," *Medical Record* (N. Y.), Nov., 1875; "A New Rectal Dilator and Explorer," 8vo., pp. 70, Washington, 1877; papers in the *American Journal of Medical Sciences* on "Cerebro-Spinal Meningitis," "Amputation of Shoulder-Joint," "Fracture of Lower Jaw," "Gunshot Wound of Stomach," "Ligature of the Femoral Artery," "Fracture of Thyroid Cartilage," "Operation for Hydrophthalmia," and "Aneurism of the Heart;" a series of papers in the *Philadelphia Medical and Surgical Reporter* on "Instrumental Diagnosis," with a paper entitled "Description of a New Endoscope;" a paper in the *New York Medical Record* on "Traumatic Tetanus;" and numerous reviews in various medical journals. Throughout the civil war he was actively engaged, having organized and held charge of the U. S. naval hospital at New Orleans during the operations of Admiral Farragut's fleet in the Mississippi river, superintended the U. S. naval hospital ship at the capture of the forts defending Wilmington, N. C., and served as operating surg. at the U. S. naval hosp. at Portsmouth, Va., pending the military operations around Fortress Monroe. He is now a med. inspector in the U. S. navy. He was married to Mary Gray, of Philadelphia, in Nov., 1860.

WEEKS, STEPHEN HOLMES, Portland, Me., son of John and Mehitable (Holmes) Weeks, was born in Cornish, Me., Oct. 6th, 1835. Receiving an academical education, he studied medicine at the Portland school for med. instruction, attended lectures at the med. school of Me., and at the med. dep't of the univ. of Pa., receiving his degree of M. D. from the latter institution in March, 1864. Upon graduating, he established himself in Portland, where he has since remained. Among his notable cases may be mentioned one of complete inversion of the uterus; successfully treated, and followed by two satisfactory confinements. He is a member, and has served as president and vice-president of the Cumberland co. med. soc.; a member of the Maine med. asso., and of the Am. med. asso. He has contributed occasional papers to the Transactions of the Me. med. asso. In 1867 he was city phys. of Portland; is at present surg. in the Maine general hosp.; lecturer on anat. in the med. school of Me., and instructor in surgery in the Portland school for med. instruction. He was married, in March, 1864, to Mary A., daughter of the Rev. P. C. Richmond, of Fryeburg, Maine.

RIGGS, BENJAMIN HOGAN, of Selma, Ala., was born in Mobile, Aug. 19th, 1838, his parents being natives of the Carolinas. His lay studies were prosecuted at Barton acad. in Mobile, and at the Masonic institute in Selma—whither his father removed in 1848—and in 1856 he entered the med.

dep't of the univ. of La. Subsequently he spent eighteen months in the city hospital at Mobile, going thence to the univ. of Pa., where he obtained his degree in March, 1859. He established himself at Prairie Bluff, Wilcox co., Ala., where he remained until the breaking out of the war. Entering the Confederate army as ass't surg.—being promoted at the end of two years to the full grade—he served under Gens. Bragg, Johnston and Hood in the army of Tennessee, until peace was declared. In 1865 he began to practise at Selma, Ala., where he has since continued. He is a member of the Selma med. soc., having served as secretary in 1867-69, as vice-president in 1869–70, and as president in 1870–72; and also of the State med. asso., of which he was elected secretary in 1873 to serve for five years. He has contributed a number of articles to the New Orleans *Medical and Surgical Journal*, to the Virginia *Medical Monthly* and other professional publications. He was married, June 27th, 1868, to Frances Gray, daughter of H. C. Robertson, Esq., of Greene co., Ala., has four living children, all sons.

PIERSON, JR., WILLIAM, Orange, N. J., was born, Nov. 20th, 1830, at Orange, N. J., and is a descendant of a line of physicians, his father being Wm. Pierson, M. D., his grandfather Isaac Pierson, M. D., and his great-grandfather Matthias Pierson, M. D. He commenced the study of medicine, and matriculating in the med. dep't of the univ. of the city of New York, received therefrom the degree of M. D. in 1852, and shortly after commenced the practice of his profession in his native town, making a specialty of surgery. He is now the secretary of the med. soc. of the State of N. J.; member of the Essex district med. soc. (of which he was president in 1865); vice-president of the New Jersey acad. of med., and member of the Essex med. union. In 1851–52 he was house phys. and surg. of the Brooklyn city hosp.; during the late civil war served as surg. of the board of enrolment for the 4th Congressional district of New Jersey; and is now surg. to the Orange memorial hosp., and consulting surg. to the St. Barnabas hosp. at Newark, N. J. He was married, May 14th, 1856, to Mabel F., daughter of B. F. Adams, of Chicago, Ill.

LOGAN, SAMUEL, New Orleans, La., was born, April 16th, 1831, in Colleton District, S. C., and is descended from a Scotch family who were among the earliest settlers of that portion of the country. He was educated in the schools of Charleston, S. C.; State univ., at Columbia; and in the South Carolina med. coll., graduating from the latter institution with the degree of M. D., in March, 1853. He spent the three years succeeding his graduation in a country practice, twelve miles from Charleston; next in Charleston, S. C.; then in Richmond, Va., during 1866; and since then in New Orleans, La. He was demonstrator of anat., 1857–66, in the South Carolina med. coll., Charleston; prof. of anat. in the med. coll. of Va., Richmond, 1866–67; prof. of surg. for the next three years in the New Orleans school of medicine; and since 1872 prof. of anat. and clin. surg. in the med. dep't of the univ. of La. He was in 1876 president of the New Orleans med. and surg. asso. He is the editor of "Gedding's Surgery;" and has also contributed many articles to the medical journals. During the late civil war he served as surgeon, medical director and inspector in the Confederate States army. He was married in Sept., 1871, to Mary Virginia, only child of Geo. R. King, Esq., formerly Judge of the Supreme Court of the State of Louisiana.

DERBY, HASKET, Boston, Mass., was born in Boston, June 29th, 1835. He was educated at the Boston Latin school, and Amherst coll., and pursued his studies in the med. dep't of Harvard coll., the univ. of Vienna, Gräfische Klinik, etc., graduating at the medical school in July, 1858, and settling in Boston in 1861. His specialty is ophthalmic surgery. He is a member of the Boston socs. for med. observation and for med. improvement; of the Am. ophthalmological soc., and of the Heidelberger Ophthalmologische Gesellschaft. He has translated "Graef's Clinical Lectures on Amblyopia and Amaurosis," 1866; and published "Modern Operation for Cataract," Boston, 1871; "The Importance of the Ophthalmoscope as an Aid to General Practice," *Boston Medical and Surgical Journal*, 1871; an "Analysis of the Sixty-one Cases of Cataract, by the Method of Graefe," *ibid.*, 1871; "Near Sight Treated by Atropia," New York, 1875, etc. He holds the position of surgeon of the Massachusetts charitable eye and ear infirmary, and was formerly university lecturer on ophthalmology at Harvard medical school.

DEMENT, JOHN JEFFERSON, Huntsville, Ala., was born in Madison co., Ala., May 13th, 1830, of American parentage and French ancestry. His medical education was eceived in the universities of Louisville and Pennsylvania. He graduated from the latter in April, 1853, and settled first in Meridianville, Ala., but subsequently removed to Huntsville, where he has pursued a general

practice. He is a member of the Madison co. (Ala.) med. soc., was its secretary for two years from June, 1871; and of the med. asso. of the State of Ala., was its president in 1875. Various contributions from his pen appear in the Transactions of the Medical Association of the State of Alabama for the years 1870, 1872, 1874 and 1876. He was appointed surgeon in the Confederate States army in Jan., 1862, and served during the war, being stationed at Forts Henry and Donelson, and with the exception of four months while he was a prisoner, was continually in the field with Gen. Lee's army. He is vice-president of the Home protection fire insurance company of North Alabama. He is president of the board of trustees of Huntsville female coll., a member of the board of trustees of the Alabama insane hosp., and also a member of the board of trust of Vanderbilt univ., at Nashville, Tenn. In Jan., 1869, he married Cornelia C., daughter of Dr. Henry A. Binford, late of Huntsville, Ala.

RICHARDSON, DAVID D., Philadelphia, was born in Richmond, Va., May 11th, 1832. He is a son of Major George Park Richardson. He was educated at Transylvania univ., Lexington, Ky., from the med. dep't of which he graduated M. D. in Feb., 1858. He removed to Philadelphia the same year, and subsequently received a degree of M. D. from the univ. of Pa. After arriving here he organized the school of preparation for the degree of doctor of medicine and medical staff of the army and navy. His quizzing classes were very successful, numbering more scholars than those of any other teacher who ever engaged in the profession of quiz master in Philadelphia. He is a member of the Am. med. asso., and association of med. superintendents of Am. institutions for the insane. In 1861 he published a text-book of "Medical Chemistry;" and he has now in progress "A New Notation of Chemistry." In Nov., 1866, he was appointed phys. in chief to the insane dep't of the Philadelphia hosp., which position he still retains. In 1860 he married Maggie Hancker, of Pennsylvania.

SHAFFNER, JOHN FRANCIS, of Salem, N. C., was born in Salem, Forsyth co., July 14th, 1838. His parentage is Swiss and American. His early education was passed, in public schools in Salem and under private teachers, and his medical education at the Jefferson med. coll. in Philadelphia, from which institution he graduated on March 14th, 1860. After graduating he settled in his present site, where he commenced practice. He is confined to no special professional line, but has performed a number of important operations and treated important cases in all branches of his profession. Among the surgical cases may be mentioned amputations, resections, excision of joints, lithotomy, cataract, removal of uterine and other tumors, instrumental labors, etc. He is a member of the North Carolina med. soc., and was orator of the same in May, 1877; is corres. member of the gynæcol. soc. of Boston, and was delegate from the North Carolina med. soc. to the Am. med. asso. in 1872. From 1868 to 1872 was one of the seven members constituting the "Medical Examining Board for the State of North Carolina," a board authorized by the State legislature, by whom it was created, to examine all physicians in the State who appeared before them for that purpose, and who, if found qualified, were to receive a certificate as an evidence of their ability. Without such certificate, professional accounts cannot be collected by process of law. The members of the board were elected by the North Carolina med. soc. He is the author of a prize essay "On the Use of Tobacco and its Injurious Effects upon the Human System," for which an award was given him by the last-named society, in 1860. During the war he served four years in the Confederate army as field, regimental, and brigade surgeon, with the rank of major. In 1870 he was elected director of the Northwestern N. C. railroad. He married, Feb. 16th, 1865, Carrie, daughter of the late Fr. Fries, of Salem, N. C.

SNOW, ALBION P., of Winthrop, Me., was born in Brunswick, Me., March 14th, 1826. He was educated in the common schools and seminaries of Brunswick, and received his medical education in the Dartmouth, N. H., med. school, and the med. school of Maine, graduating from the latter in 1854. He settled in Winthrop, Kennebec co., and soon built up a large and successful practice. In the winter of 1860 and 1861 he spent several months in attendance upon the medical schools and hospitals of Boston, New York and Philadelphia, and the remainder of 1861 in the same way in England, Scotland, France and Germany. His specialty is midwifery and diseases of women. He is a member of the Kennebec co. med. soc., and of the Maine State med. asso., being president of the former in 1869 and of the latter in 1872. He is also a permanent member of the Am. med. asso., and was on the committee of nomination of officers in 1876. Among his contributions to medical literature are papers on "A Case of Spontaneous Cure of an Ovarian Tumor and Subsequent Pregnancy," "The Prevailing Diseases of Kennebec

County," "Puerperal Convulsions," "On Medical Education," etc., published in the Transactions of the Maine Medical Association. For many years past he has been chairman of the board of directors of village schools, and in 1871 represented the town of Winthrop in the State legislature, besides holding other public positions. He is officially connected with the Maine general hosp. as associate corporator of that institution. He married, May, 1852, Matilda B., daughter of Stephen Sewall, Esq., of Winthrop.

HILL, LEVI GERRISH, Dover, N. H., was born, July 7th, 1812, at Strafford, N. H. He was educated at the New Market, Strafford and Gilmanton academies, and Dartmouth med. coll., graduating from the latter institution in 1838. Commencing the practice of his profession in Salisbury, N. H., he has for the last twenty-seven years been located in Dover, N. H. His most important operation, perhaps, was one for refracture of elbow-joint to relieve complete anchylosis, resulting from fracture six months before (the arm having been left straight), which resulted in a good practical arm, movable joint, etc. He is a member of the Dover med. asso.; Strafford dis't med. soc.; N. H. med. soc.; Am. med. asso.; and Maine med. asso. He has served, though generally declining political offices, as a city alderman and school commissioner. He was married, in 1838, to A. B. Shackford, daughter of Samuel B. Shackford, Esq., of Barrington, N. H.

WORTHINGTON, JOSHUA HUSBAND, Frankford, Philadelphia, Pa., was born in Darlington, Harford co., Md., Aug. 8th, 1817. His father was a prominent physician and member of the Society of Friends. He received his medical education at the Jefferson med. coll., whence he graduated in 1838. He remained in his native county for four years in practice with his father, and afterwards removed to his present place of residence. In 1842 he was made res. phys. of Friends' insane asylum near Frankford, and in 1850 was appointed sup't of the same institution. He is a member of the asso. of med. sup'ts of Am. institutions for the insane, and a permanent member of the Am. med. asso. He was formerly a member of the northern med. asso. of Philadelphia; of the State med. soc. of Pa.; and of the Philadelphia co. med. soc., of which he was vice-president in 1859. He has published various articles in the *American Journal of Insanity*, also in the *American Journal of Medical Sciences*, of Philadelphia. In connection with Dr. Charles Evans, from 1843 to 1850, he published eight of the reports of the asylum; since that time he has been the sole author of these publications. In 1860 he married Mary M. Kimber, of Philadelphia, and after her death Sarah, daughter of Stacy B. Collins, Esq., of New York city.

WHEELER, JAMES HENRY, of Dover, N. H., was born in Dover, Sept. 17th, 1831. After being educated in part in Exeter academy, he entered Brown univ., which, however, he was compelled to leave by reason of ill health. He finally graduated at the coll. of physicians and surgeons of New York in Sept., 1862. He settled in Dover, devoted himself to general practice and became a member of the Strafford dist. med. soc., of which he was elected president for the years 1873 and 1874. He was also made a member of the N. H. State med. soc., his connection with this as with the one above mentioned beginning in the year 1862. In 1872 he became a member of the Am. med. asso., having been elected a delegate from the N. H. State med. soc. He has contributed, at various times, papers to the county and State societies, of which he is a member, as parts of their Transactions, but has published nothing else. In Oct., 1862, he married Anna D. French in New York.

REULING, GEORGE, Baltimore, Md., son of Dr. Robert Reuling, was born in Darmstadt, Germany, Nov. 11th, 1839. From 1860 to 1865 he studied medicine at the univ. of Giessen, being during four years of that period ass't to Prof. Phoebus. In 1865–66 he was student, successively, at Munich, Vienna and Berlin, receiving his degree of M. D. in May of the latter year from the univ. of Giessen. In 1866–67 he was ass't surg. at the eye hosp., Wiesbaden, and was subsequently a student at Paris under Wicker, Liebrich and Meyer. In 1868 he came to America, establishing himself in Baltimore and making a specialty of ophthalmology and otology. His success in these branches led to his appointment, in 1869, to be surgeon in charge of the Maryland eye and ear infirmary, a position which he still fills. He is a member of the Giessen physiol. soc.; Heidelberg ophthalm. soc.; Paris German med. soc.; Baltimore German med. soc., of which he is vice-president; and of the chirurg. faculty of Md. He was, during 1871–73, prof. of eye and ear surgery in the Washington univ. Among his publications have been papers upon "Detachment of the Choroid after Extraction of Cataract," "On the Transplanting of the Conjunctiva of a Rabbit into the Human Eye," "On Blood

Tumors"—the latter possessing a recordary value in that it has appended to it a list of all works upon the subject—and a description of his important invention of a new microtome for vegetable microscopy. During the Austria-Prussian war—June to Sept., 1866—he served as military surgeon in the Prussian army. He was married in 1871 to Elisa, daughter of Captain Külp, deceased, of Darmstadt, Germany.

SNOW, GEORGE WILLIAMS, Newburyport, Mass., was born at Chelsea, Mass., Oct. 31st, 1837. His father was Zenas Snow, of Orleans, in the above State. He is graduate of the Pierce acad., and of the Jefferson med. coll. of Philadelphia, receiving the degree of M. D. from the latter in March, 1859. He was engaged first in Deer island hosp., Boston harbor, but settled permanently in Newburyport in Sept., 1865. He is a member of the Mass. med. soc.; of the Am. med. asso.; and is secretary and treasurer of the Essex north dist. med. soc. During the war he entered the 28th reg. Mass. vols., as ass't surg., was promoted surg. of the 35th reg. Mass. vols., March 13th, 1863; served as brigade surg. during the siege of Vicksburg; acted as med. director of division, and as med. director of the 9th army corps, and was surg. of hosps. of the 9th army corps from after the battle of the Wilderness till the army was encamped around Petersburg, Va. He was also taken prisoner at the second battle of Bull Run. On June 9th, 1865, was mustered out of service. He married, in Jan., 1864, Lucy A., daughter of Edward Luther, Esq., of Providence, R. I.

BURRALL, FREDERICK AUGUSTUS, New York, was born in Machias, Me., Dec. 13th, 1830. He is a descendant, on his father's side, of William Burrall, who came to this country from London, in 1715, and, on his mother's side, of John Eliot, the "apostle of the Indians." He graduated at Williams coll. in 1850, and at the New York coll. of physicians and surgeons in 1857, subsequently passing a year in Bellevue hospital. He settled at first in New York, where he has continued to reside. He is a member of the Am. med. asso.; the N. Y. State med. soc.; the New York acad. of medicine; the New York co. med. soc.; and the New York medico-legal soc. He has been a member of the New York laryngological soc., and secretary of both the alumni asso. of the coll. of physicians and surgeons, and of the *New York Medical Journal* association. He has contributed various articles and reviews to medical journals, including a discussion of the "Coincidence of Certain Nervous Symptoms with an Excess of Nitrate of Urea in the Urine," *American Journal of Medical Sciences*, July, 1870, and of "Some of the Uses of the Hands and Knees' Position," *ibid.*, Jan., 1874. He is the author of "Burrall on Asiatic Cholera," of a paper on "Entire Excision of the Os Calcis," in the Bellevue and Charity hospital reports for 1870, and of a paper on "Nitrite of Amyl as an Antidote to Chloroform." Has been surg. to the northern dispensary, phys. and surg. to the Charity hosp., consulting phys. to the Presbyterian home, as also to the New York infant asylum, and phys. to the home for respectable, aged and indigent females, and to the Presbyterian hospital. In 1862 he served for a month on the hospital ship St. Mark. He was married, in 1859, to Mary See, daughter of James See, of New York, and has one child.

HASKELL, P. SPRAGUE, Stockton, Me., was born at St. Albans, Me., May 11th, 1832. He is the son of Peleg C. and Louise Fogg Haskell. Educated at St. Albans acad. and Waterville coll., he studied medicine at the Dartmouth (N. H.) med. school, at the Deer Island (Mass.) hosp., and at the Bowdoin (Me.) med. school, graduating from the latter in 1856; having had among his preceptors Calvin Blake, of Me., E. R. Peaslee, of New York, and J. M. Moriarty, of Mass. In 1857 he settled in Hartland, Me.; but two years later removed to Stockton, his present residence. He is a member of the Am. med. asso.; of the Me. med. asso., of which he was 2d vice-president in 1870; and of the Waldo co. med. asso., of which he was treasurer from 1867 to 1876. He read before the Maine med. asso., in 1873, a paper on "Criminal Abortion," and in 1876 and 1877 two papers on "Hygiene of our Homes, as Relating to the Preservation and Perfection of the Race," both of which were published. He was married in 1856 to Almira Page, of Hartland, Me., and in 1867 to Sarah Blanchard, of Stockton.

TUNSTALL, ROBERT BAYLOR, of Norfolk, Va., was born in Norfolk, Aug. 31st, 1818. His parents were Alexander and Elizabeth T. Tunstall. He was educated in Norfolk, at the Hampden-Sidney coll., Prince Edward co., Va., and at the univ. of Pa., graduating from the latter in March, 1842, and settling in the city where he now resides. He is a member of the Norfolk med. soc., and of the Va. State med. soc. He married, Jan. 7th, 1840, Elizabeth Walke, daughter of Thomas Williamson, Esq., of Norfolk, Virginia.

BUDD, CHARLES AMOS, N. Y., was born, Jan. 16th, 1831, in that city, his father being Dr. Bern. W. Budd. He is the fourth generation of physicians in the family. After receiving an academic education in the grammar school of Columbia coll. he entered the N. Y. univ., graduating and taking the degree of A. B. in 1850, A. M. in 1853, and having the degree of A. M. also conferred upon him by Trinity coll., Hartford; subsequently entering the med. dep't of the univ. of N. Y., he graduated, taking the degree of M. D., in 1852. He was appointed resident phys. to the epidemic cholera hosp. in 1854. Visiting Europe in 1856, he spent some time as a student in the Rotunda lying-in hosp., Dublin, and the Maternité in Paris. In Aug., 1860, he was appointed prof. of obstetrics in the New York med. coll., which position he held until July, 1863, when he resigned to accept the professorship of midwifery and diseases of women and children in the N. Y. univ. Ill health compelling him to resign from the latter position in June, 1876, he was unanimously elected emeritus prof. of the same department, which he now holds. He has also served as phys. to the Mt. Sinai hosp.; the Charity hosp., Blackwell's island; consult. phys. to the N. Y. State woman's hosp.; and to Bellevue hosp. He was one of the founders, and has served as president of the New York obstet. soc. He was married, Nov. 19th, 1861, to Mary E., only daughter of the late Richard Pennell, M. D., of New York.

CONRAD, JOHN SUMMERFIELD, Baltimore, Md., was born, Feb. 17th, 1839, at Fairfax C. H., Va. Receiving his preliminary education at the Newton and Union acads. of Baltimore, he subsequently entered the National med. coll., at Washington, D. C., from which he graduated in March, 1862, having two years before graduated from the coll. of pharmacy of Baltimore. In April, 1862, he was commissioned an ass't surg. in the Confederate States army, and after serving two years at Winder hosp., Richmond, Va., served in the field in the campaign of Gen. Longstreet, in Tennessee, 1863–64, and during Gen. Lee's last campaign around Richmond and Petersburg, Va., in 1864–65. He is a member of the med. and chirurg. faculty of Md.; pub. health asso. of the U. S.; and the asso. of med. superintendents of the insane. Among his most important contributions to medical literature may be included a paper on "Small-Pox," published in the Transactions of the med. and chirurg. faculty of Md., 1874; and one on "Insanity in its Financial Relations to the States," published in the Transactions of the same soc., in 1876. He served as resident phys. to the Md. univ. hosp. from 1868 to 1871; resident phys. to Marine hosp., port of Baltimore, from 1871 to 1874; and med. superintendent of the Md. hosp. for the insane from 1874 to the present time. He was elected prof. of materia medica in the Washington univ., Baltimore, in 1872, and to the chair of surgery in 1873, resigning in 1874. In 1871 he was married to V. M., daughter of S. S. Rind, of Georgetown, D. C.

COLEMAN, WILLIAM CLARK, Latrobe, Pa., was born in Clarksburg, Indiana co., Pa., Nov. 29th, 1839. His parents are of Scotch-Irish extraction. He was educated at Eldersridge acad., Pennsylvania, and at Saltsburg acad. in the same State, attending his first course of medical lectures at the Jefferson med. coll., and his second and third courses at the Long Island coll. hosp., from which he graduated June 28th, 1868. He settled first at Livermore, Pa., but removed, Jan. 29th, 1869, to Latrobe, Pa., where he has continued to reside. He has made a specialty of hygiene, on the chief points of which he has lectured extensively and acceptably before audiences more or less popular, delivering, in the summer and fall of 1871, lectures on "Food and its Preparation;" "Digestion;" "Prevention of Diseases;" "Nursing the Sick;" and kindred topics, following up these in 1872 by a full course of lectures on physiology and hygiene, which, besides delivering them to the public, he gave entire to the pupils of the Blairsville acad., and afterwards to those of the female seminary at Blairsville, and to these adding in the winter of 1873–74 a popular lecture on "Health and the Human Form," and in 1876 another, entitled "How We Breathe." He is the author of a report of cases to the State soc., at Pottsville, June, 1875; of a report on vaccination to the State committee in 1871; and of some few articles on hygienic subjects, published in popular periodicals. He is a member of the Westmoreland co. med. soc., was its vice-president in 1873, and president in 1874. His military record somewhat antedates his medical one, as his professional studies were unfinished at the outbreak of the civil war, and he preferred the duties of a soldier to those of a subordinate in the med. dep't. He accordingly enlisted as a private in Co. D, 11th reg. Pa. reserve vols., Aug. 30th, 1861, and served in the field throughout the war, taking part in twenty-six battles, including those of Fredericksburg, Gettysburg, the Wilderness, Spottsylvania, Petersburg, Five

Forks, and Appomattox C. H., in one of which he was wounded in the right elbow, in another in the left arm, in another in the left hip, and in another in the chest. He was early promoted for gallant and meritorious conduct to the rank of 1st serg., next to that of 1st lieut., and then to a captaincy. On several occasions he was the subject of special mention by commanding officers for bravery in battle as well as for efficient service rendered the wounded on the field after battles. After the war he was commissioned, Aug. 11th, 1871, lieut.-col. and surg.-in-chief of the N. G., Pa., 8th div., and recommissioned Aug. 1st, 1876. He is also a member of the Pa. State med. soc., and of the Am. med. asso. He is not connected with any public charity, but has an extensive private practice among the poor as well as the rich. His hygienic teachings are not confined to lecture rooms, but are enforced by precept and illustration in all the families which come under his professional care. He was present at the Centennial encampment of the N. G. Pa., throughout, and participated in the public demonstration of the Pa. military in Philadelphia, Aug. 10th, 1876. He was one of two staff officers who reported for duty to the general commanding the 8th division at Pittsburgh, Pa., on that memorable night of July 21st, 1877, when the firing of the oil and freight cars of the Pennsylvania railroad began. He was present during the entire strikers' war, and was one of the leading surgeons in camp. An indomitable will and ambition have constantly evinced themselves during both his military and professional life. He was married, May 18th, 1869, to Isabella J. Richey, Livermore, Pa., who died, June 6th, 1876, leaving a son and daughter.

FRENCH, GEORGE FRANKLIN, Portland, Me., was born, Oct. 30th, 1837, at Dover, N. H. After receiving an academic education he entered Harvard univ. (A. B., 1859; A. M., 1862); and, subsequently, the Boston med. school, receiving the degree of M. D. from the latter institution in 1862. Soon after graduating he entered the U. S. army as act. ass't surg., was subsequently made ass't surg. U. S. vols., and finally surg. and brevet lieut.-col. At the close of the war he passed a successful examination and was tendered a commission in the regular army, which was declined. In 1866 he began the private practice of medicine at Portland, Me., where he continues to reside. He is a member of the Am. asso. for advancement of science; Am. pub. health asso.; Me. med. asso.; Cumberland co. med. asso. He is the author of "Chronic Diarrhœa and Dysentery, with twelve illustrative morbid specimens;" "Medical and Surgical History of War of the Rebellion;" "Propylamin as a Substitute for Opium;" "A New Method of Skin-Grafting;" "Zinc-Poisoning from Galvanized Iron Pipes;" "Opium-Antidote Fraud;" "Mechanical Apparatus for the Relief of Orthopnœa." He is instructor in practice and lecturer on dermatol. in the Portland school for med. instruction, and was a member of the original staff of the Maine gen. hosp. During his service in the army he was in charge of several large hosps.; surg.-in chief 1st div. 15th army corps, Sherman's march to the sea; and personal staff surg. to Gen. U. S. Grant. He was married, Oct. 14th, 1863, to Clara H., daughter of Dr. Levi G. Hill, of Dover, N. H.

WILCOX, MARK W., Sutton, Neb., was born, June 14th, 1830, at Honeoye Falls, N. Y., and is descended from English ancestors. He was educated in the schools of Ashtabula, O., subsequently passing one course at the med. coll., Cincinnati, in 1851, and graduating from the Chicago med. coll. in 1864. He has practised his profession in Wyandotte co., O., Mattoon, Ill., Lincoln, Neb., and is now located at Sutton. He is a member of the Esculapian soc. of the Wabash valley, of which he was president in 1870. During a portion of the period of his residence in Mattoon, Ill., he was postmaster of that town. He was a member of the constitutional convention of Nebraska in 1875, and is now a member of the senate of that State. Since 1873 he has served as a pension surg. He was married, March 14th, 1861, to Anna S. Tyler, daughter of Amos Tyler, of Forest Port, Oneida co., N. Y.

SPEED, JOHN JAMES, Louisville, Ky., son of Thomas Speed, a settler in Kentucky in 1783, and some time member of Congress from that State, and a grandson of Capt. James Speed, a soldier in the American army during the revolutionary war, was born near Bardstown, Nelson co., Ky., Oct. 31st, 1816. Having received his preparatory education at St. Joseph's coll., Bardstown, he entered the med. dep't of Transylvania univ., and was graduated thence M. D. in 1838. He practised at Crawfordsville, Ind., until 1847; at Bardstown until 1850; and since 1850 has been established at Louisville. Since 1874 he has been prof. of the institutes of med. and general hygiene in the Louisville hosp. coll. of med. He is a member of the Ky. State med. soc., for a number of

years librarian, and of the Louisville coll. of phys. and surg., president in 1874. Of his professional publications may be mentioned, "Nature and Art in Disease," in 1852, published in *Medical News*, Louisville; "Review of Headland on the Action of Medicines," 1852, same journal; "The Vis. Med. Nat. *vs.* Polypharmacy," address before State med. soc. at Paducah in 1873; "History in Disease," address before State soc. at Shelbyville in 1874; "Remarks upon Phthisis," based upon the Brompton hospital experience, published in the *American Practitioner*, together with other articles at various times. During the late war he was surg. in charge of one of the U. S. gen. hosps. at Louisville. In 1861 he was appointed postmaster of Louisville, and reappointed in 1865. He married (1) in April, 1839, Miriam, daughter of John Hawkins, Esq., of Crawfordsville, Ind.; and (2) July, 1868, Isabella C., daughter of John Tevis, Esq., of Shelbyville, Ky.

CORSON, HIRAM, Conshohocken, Pa., was born, Oct. 8th, 1804, in Plymouth township, Montgomery co., Pa. He is descended on the paternal side from the Huguenots, and on the maternal side from the Quaker Dickinsons of England. He was educated at Friends' schools at Plymouth meeting and Philadelphia, and graduated from the med dep't of the univ. of Pa., in the spring of 1828. He settled at Plymouth meeting, a mile from his birth-place, and is there still. He was one of the pioneers of abolitionism and of temperance, both of which in the morning of his professional career he publicly advocated, without counting the risk to his person or his practice, not inconsiderable in the latter respect at least. In 1828 he was a member of the Philadelphia med. soc.; of the Montgomery co. med. soc. in 1847, of which he was president in 1849; of the State med. asso. in 1848, of which he was president in 1852, and has been a permanent member since 1862; and of the Am. med. asso., to which he has been a delegate at various times, and of which he has been a permanent member since 1847. He was elected corresponding member of the Meigs and Mason acad. of med. in Ohio, in 1873; associate member of the Philadelphia obstet. soc. in 1874; and associate fellow of the coll. of phys. of Philadelphia in 1876. His contributions to medical literature include essays or papers on "Epidemic Jaundice;" "Belladonna in Pertussis," and "Measles," together with numerous papers addressed to State soc. on "Ice in Scarlet Fever, and Diphtheria, Externally and Internally" (a treatment of which he is the originator); on "Food for Infants;" on "Erysipelas following Vaccination;" on "Midwifery in the Country," and many other subjects, besides various contributions to medical journals. The only public offices he ever held are those of school director, and trustee of the State lunatic asylum at Harrisburg; to the latter he was appointed by the governor in 1877. He was married in 1833 to Ann J. Foulke, daughter of Edward and Jacie Foulke, of Montgomery co., members of the Society of Friends, and has reared a family of nine children, of whom all lived to the adult age, and all but two are now living, two have graduated in med. dep't of univ. of Pa., and one in the literary dep't.

ANDERSON, WILLIAM, Indiana, Pa., was born, June 6th, 1825, in Green township, Indiana co., Pa. His parents emigrated to this country from the north of Ireland in 1817, and settled on a farm in the eastern part of Indiana co., where he passed his early life, working with his father on the farm, and attending at intervals the district schools, in which he acquired a good common education, fitting him for a higher course of instruction, which he entered upon at the Blairsville acad., and finished at a classical acad. in Indiana. After two years of close office study with Dr. James M. Taylor, of Indiana, he entered, Oct., 1850, the Jefferson med. coll., Philadelphia, returning the following year, and graduating March 6th, 1852, attending, however, a third course of lectures at his *alma mater* in 1868–69. On graduating he settled at Indiana, where he has remained. His practice is general, including medicine, surgery, and obstetrics. He has been a member of the Indiana co. med. soc. since its organization in 1858, and was its first secretary, its second president, and has filled in turn all the rest of its dozen offices, besides representing it at different times in the med. soc. of the State, of which last he has been a permanent member since 1862, was one of the vice-presidents in 1864, and the president in 1865. Since 1868 he has been a permanent member of the Am. med. asso., and was a member of the International med. congress that met at Philadelphia, in Sept., 1876. He has held no civil office, except that of school director, and that of town councillor in the borough of Indiana. He was married, April 12th, 1855, to Jane McCrackin, of Indiana, and has one child.

FLETCHER, WILLIAM BALDWIN, Indianapolis, Ind. (the seventh son of a seventh son), was born at Indianapolis,

Aug. 18th, 1837, his parents being Calvin and Sarah (Hill) Fletcher, the former a native of Vermont, and the latter of Kentucky. After receiving a preliminary training at the Lancaster (Mass.) acad., he entered (Sept., 1858) the coll. of phys. and surg., New York, graduating with the degree of M. D. in Sept., 1860, and commencing the practice of his profession the same year at Indianapolis. For seven years he was a prof. in the Ind. med. coll., filling at various times the chairs of physiol., anat., and materia medica. He was a delegate to the session of the Am. med. asso., held in Boston, 1865, and is now a member of the Marion co. med. soc.; and president of the board of trustees of the Ind. med. coll.; and president of the Ind. State micros. soc. In 1863 he wrote a monograph upon "The History of Asiatic Cholera" (published by Robert Clark & Co.); and has contributed a number of papers to medical journals, chief among which are "Discovery of Various Entozoa Found in Pork;" "Human Entozoa;" "Report of Five Cases of Trichiniasis," etc. At the outbreak of the late civil war he entered the army as surg., in the three months campaign in West Virginia. July 30th, 1861, he was captured by the Confederates and served in the U. S. prison hosp. until Feb., 1862, when he was paroled. Subsequently he served at various times as surg., by order of Gov. Morton, on special duty to Indiana soldiers at Stone River, Nashville, Tenn., Perrysville, Ky., and Vicksburg, Miss. He was married in April, 1862, to Agnes, daughter of James O'Brien, and is now the father of three sons and four daughters.

TYSON, JAMES, Philadelphia, Pa., was born in that city, Oct. 26th, 1841. He is the son of the late Dr. Henry Tyson, of Montgomery co., Pa., and of Gertrude Haviland (Caswell) Tyson, of Philadelphia, widow. From Haverford coll., Pa., where he was educated, he received his degree of A. B. in July, 1860, and that of A. M. in July, 1864. He studied medicine in the univ. of Pa., where he graduated, March 14th, 1863, and began private practice in Philadelphia in April, 1864, having spent most of the intervening year as resident phys. in the Pa. hosp. The branches of medicine to which he has devoted special attention are dis. of the kidneys, normal and pathol. histol., and the use of the microscope in medicine. The following are the societies of which he is a member: pathol. soc. of Philadelphia, and chosen recorder Jan., 1869, a position which he still holds; coll. of phys. of Philadelphia; obstet. soc. of Philadelphia (one of the original members at its organization in July, 1869); Philadelphia co. med. soc.; acad. of nat. sciences of Philadelphia; and biolog. and micros. section of the acad. of nat. sciences: of this he has been secretary and is now vice-director. His published works are, "The Cell Doctrine: its History and Present State" (Lindsay & Blakiston, Philadelphia, 1870); "An Introduction to Practical Histology" (J. B. Lippincott & Co., Philadelphia, 1873); and "Practical Examination of Urine" (Lindsay & Blakiston, 1875). He also edited four volumes of the pathol. soc. of Philadelphia, and was assistant editor of the *Philadelphia Medical Times*, during the year 1871 and part of 1872. In addition to the above there have appeared from his pen about one hundred papers, being contributions to medicine, histology, and pathology; clinical lectures on renal and hepatic diseases, reviews, etc., etc. In association with Drs. H. C. Wood and Hickman, he began, as early as the autumn of 1864, to teach medicine in connection with the univ. of Pa., in the examination of classes of students, devoting himself more especially to physiology, obstetrics, and general medicine. At this time he also became assistant to Prof. F. G. Smith, prof. of physiol. in the univ., and continued his assistant until end of session, 1870–71. In 1866 he was placed in charge of the med. dispensary service of the univ. of Pa. by the med. faculty, a position which he retained for five years, and in 1868 was appointed by the same body lecturer on "Microscopy" in the univ., to the duties of which position were added, on April 25th, 1870, that of lecturer on "Urinary Chemistry." On the organization of the new univ. hosp. the med. faculty—March 6th, 1874—appointed him lecturer on pathol. anat. and histol. On April 6th, 1875, this position was made a professorship in the hosp. by the trustees of the univ. of Pa. On April 4th, 1876, he was elected prof. of gen. pathol. and morbid anat. in the med. dep't of the univ. by the trustees. He also holds the professorship of physiol. and micros. anat. in the Pa. coll. of dental surg., to which he was appointed May 9th, 1870; is one of the visiting phys. to the Philadelphia hosp., being elected in March, 1872, and was for several years microscopist and pathologist to the same institution. He is one of the executive com. of the society of the alumni of the med. dep't of the univ. of Pa., and one of the managers of the univ. hosp.

DRAPER, JOSEPH, Brattleboro', Vt., son of Ira Draper and Emily (Ball) Draper, of Warwick, Mass., was born in Warwick, Franklin co., Mass., Feb. 16th, 1834. He studied medicine at the Jefferson

med. coll., graduating at that institution in 1858, and settling in Greenfield, Mass. He is a member of the Mass. med. soc., and of the Vt. State med. soc. His contributions to medical literature consist chiefly of "Reports of the Vermont Asylum," for various years. In 1859 he entered Vt. asylum for the insane as ass't phys., and remained there till 1865; from that year until 1870 he held the position of ass't phys. at the Worcester lunatic asylum, and the same in the N. J. lunatic asylum from 1870 to 1873. Since that year he has been in charge of the Vt. asylum for the insane, as superintendent of that institution. He passed a few months in army service during the winter of 1865. In Jan., 1863, he married Mary J., daughter of Beniamin G. Putnam, Esq., of Orange, Mass.

LENTE, FREDERICK DIVOUX, Saratoga, N. Y., and Palatka, Fla., was born at Newbern, N. C., Dec. 23d, 1823. On his father's side he is of Dutch descent; on his mother's, Huguenot. He graduated at the univ. of N. C. with the first honor in his class, receiving subsequently the degree of A. M., and studied medicine in the med. dep't of the univ. of the city of New York, from which he graduated in 1849. From 1848 to 1851 he was house surg. at the New York hosp., and since 1870 until 1876 has resided at Cold Spring, on the Hudson, now resides at Palatka, Fla., in winter, and Saratoga Springs in summer. He is a member of the New York co. med. soc.; the Putnam (N. Y.) co. med. soc.; the New York patholog. soc.; the New York neurolog. soc., of which he is vice-president, and member of the council; the Am. pub. health asso.; the Am. neurolog. asso., of which he was one of the founders; and the alumni asso. of the med. dep't of the univ. of the city of New York, of which he is president, and member of the council; a corres. member of the medico-legal soc. of New York; and an hon. member of the N. C. State med. soc.; and of the Dutchess co. (N. Y.) med. soc. Medical literature owes to him a great number and variety of contributions, of which the following is an incomplete list: various papers from 1849 to 1852, including "Statistics of Fractures Treated in the New York Hospital," *New York Journal of Medicine;* "Statistics of other Operations during a long series of years," *ibid.;* "Statistics of Trephining," *ibid.;* three papers, including one on "Coup de Soleil," among the first articles on the subject published in this country, *ibid.*, 1851; three papers, including a rare case of "Air under the Dura Mater," *ibid.*, 1850; "Medical Observations on Syphilis," two papers, *ibid.*, 1852, vol. 2d; a paper on "Elkoplastry," and one on "Perineal Section," *ibid.*, 1855; "Dangers of Anæsthesia," one of the first efforts to warn against the danger of chloroform inhalation, *ibid.*, 1856; a paper on "Large Hæmatocele," and one on "Epidemic Dysentery," *ibid.;* "Medical Notes on the Island of Jamaica," *New York Medical Journal*, Sept., 1868; "Sedative Action of Calomel," *ibid.*, March, 1870; "Intra-Uterine Medication," *ibid.*, Sept., 1870; Letter to Prof. G. T. Elliot, *ibid.*, April, 1870, "Treatment of Intermittent Fever by the Hypodermic Injection of Quinine," with several hundred cases, the first paper calling special attention to this mode of treatment in this country, *ibid.*, April, 1874; "Cases of Thrombosis," etc., *ibid.*, July, 1874; "Florida as a Health Resort," read before the Am. pub. health asso., 1876; "Coup de Soleil," *American Journal of the Medical Sciences*, 1859; "Ether and Chloroform as Anæsthetics," *ibid.*, April, 1861; "Contributions to the Pathology of Diseases of the Encephalon," *ibid.*, 1858; "Carbuncular Inflammation of the Lip," the first paper calling prominent attention to this peculiar and very fatal disease, and to the diagnosis between this and similar affections, *ibid.*, April, 1859; paper on "Œdema of the Glottis," and also a "Peculiar Case of Diphtheria, with Remarks," *ibid.*, 1860; "New Method of Ligating Arteries," *ibid.*, April, 1869; "Peritonitis," *ibid.*, vol. 42d; "Amaurosis from Wound of Supraorbital Nerve," *ibid.*, 1862; "Remarkable Case of Stricture of the Rectum," with remarks on a more radical treatment, *ibid.*, July, 1873; "Conclusion of Case of Stricture of Rectum," *ibid.*, Jan., 1874; "Spasm of the Heart, and its Relation to Angina Pectoris," *ibid.;* "Albuminuria in Pregnancy, and Treatment of Puerperal Convulsions by Morphine," one of the first efforts to establish this treatment, *New York Medical Record*, April, 1868; "Hypodermic Use of Ergot in Hemorrhage," the earliest use of ergot for this purpose by the hypodermic method, *ibid.*, p. 44; paper on the "Advantages of Molesworth's Dilator," *ibid.*, May, 1874; "New Method for Treatment of Badly-united Fractures," *ibid.*, vol. 2d, p. 101; "Description of a New Ointment Syringe for the Uterus," *ibid.*, 1866-67; "Hernia of the Tunica Vaginalis," *ibid.*, 1869-70; "Hypodermic Action of Quinine—Answer to Objections," *ibid.*, March, 1875; "Bad Cases of Injury of Joints," *ibid.*, July, 1876; "Treatment of Uræmic Convulsions of Pregnancy," *ibid.*, May, 1868; "Effects of Alcohol on the Nervous System," *New York Psychological Journal*, July, 1874; "The Neurotic Origin of Diseases and the Action of Remedies on the Nervous System," read before the neuro-

logical society, *ibid.*, Jan., 1874; "Neuralgia and other Neuroses Arising from Cicatrices of the Scalp," *American Journal of Obstetrics*, Nov., 1875; "Superficial Lacerations of the Perineum," Beard's Archives of Neurology and Electrology, vol. 1; "Treatment of Vomiting by Electricity," first proposal of this method of treatment, *Richmond and Louisville Medical Journal*; "Cases Illustrating the Action of Remedies on the Nervous System," May, 1875; "Alcoholic Coma," Jan., 1877; "Transfusion of Blood," a paper read before the New York medical library and journal association; Inaugural Address before the alumni association of the medical department of the university of the city of New York, *New York Medical Journal*, 1870; papers in the earlier volumes of the proceedings of the American medical association, 1857, p. 304, vol. iv., pp. 279. 315. In 1870 he was prof. of diseases of women and children in the univ. of the city of New York; ass't surg. to the woman's hosp. of the State of N. Y.; surg. to St. Mary's hosp. for sick children at New York, and consulting surg. to the New York free dispensary for sick children. He is a member of the council of the univ. of the city of New York, and of the board of managers of the Hudson River State hospital; and was a representative from Florida on the executive committee of the Centennial medical commission. He was married, in 1852, to Mary Kemble, of New York city.

DUNMIRE, GEORGE BENSON, was born near McVeytown, Mifflin co., Pa., May 2d, 1837, his parents being Gabrael and Ann Dunmire, descendants of German families, who were among the early settlers of the State. After having educational advantages at home and at Dickinson seminary in Williamsport, Pa., he entered Jefferson med. coll., receiving his degree of M. D. from that institution in March, 1865. He served for a short time as acting ass't surg. of vols., being in charge of the U. S. post hosp. at Chambersburg, Pa. Establishing himself in Philadelphia, he rapidly acquired a large practice, being especially successful in obstetrics, of which he made a specialty. In June, 1865, he was elected visiting phys. to the Philadelphia dispensary, a position that he held during the ensuing six years. He is a member of the State and county med. socs.; a life-member of the alumni asso. of Jefferson med. coll.; a trustee of the Union M. E. church; a manager of the Philadelphia M. E. conference educational soc., etc. Previous to beginning his professional studies, he enlisted in the U. S. vol. army (August 10th, 1862) as a private in the 125th Pa. reg. Re-enlisting at the expiration of his nine months term of service, he was commissioned a first lieutenant in the 46th reg. Pa. vols., during which service he passed through the battles of South Mountain, Antietam and Chancellorsville.

HILL, SAMUEL VAN DYKE, Macon, Miss., was born in Nashville, Tenn., July 25th, 1835. Educated at the Columbus, Miss., high school, and in the med. dep't of the univ. of New York, he graduated M. D. from the latter in March, 1857, and during the ensuing four years was engaged in practice in Palo Alto, Miss. In Oct., 1865, he established himself in Macon, where he has since remained. He is a member of the Miss. State med. soc., president in 1871; of the Noxubee co. med. soc.; of the asso. of Confederate army and navy surgeons, vice-president (since 1875) for Mississippi, and has three times been appointed a delegate to the sessions of the Am. med. asso. Among his published writings may be mentioned reports on Cerebro Spinal Meningitis, and on Hypodermic Medication (Transactions Mississippi State Medical Society). In Jan., 1861, he was appointed an ass't surg. in the Confederate army, was promoted to be surg. in Jan., 1863; from Oct., 1862, to end of war was in charge of Quintard general hosp. He has been examining surg. to the New York, National, Mobile and other leading life insurance companies. He married, Oct. 10th, 1861, Jennie, daughter of James Calvert, Esq., of Chickasaw co., Miss.

BROWNE, JOHN MILLS, Vallejo, Cal., was born at Hinsdale, Cheshire co., N. H., May 10th, 1831. His family were among the original founders of Watertown, Mass., coming thither from Stamford, England. He studied medicine at the Harvard med. school, Boston, from which he graduated in March, 1852, and March 26th, 1853, entered the U. S. navy as an ass't surg. Since 1865 he has resided in Vallejo, Cal. He is a member of the Mass. med. soc.; and of the med. soc. of the State of Cal., of which he was elected president in 1874. He has published articles on the "Verrugas" and the "Oroya" fever, diseases peculiar to Peru; also on "The Hospitals and Charitable Institutions of Chili and Peru." He was surg. of the U. S. ship "Kearsarge" during her engagement with the Confederate steamer "Alabama," June 19th, 1864; and is now a med. inspector in the navy, in charge of the naval hosp. at Mare Island, Cal. He is present grand master of Masons for the State of Cal., and past commander-in-chief of the Scottish rite of Masons for Cal. He married, Nov. 27th,

1856, Alice Key Turner, granddaughter of James Turner, ex-governor and ex-U. S. senator of North Carolina, and of Francis Scott Key, author of the "Star-Spangled Banner."

BANKS, JAMES LENOX, New York, was born, May 11th, 1832, in that city. He matriculated in 1854, at the college of physicians and surgeons of the city of New York, graduating therefrom, with the degree of M. D., in March, 1857. After studying abroad for about two years, he commenced practice in 1859 in his native city, and has there continued until the present time. He is president of the society for the relief of widows and orphans of medical men; member of the Am. med. asso.; N. Y. State med. soc.; New York patholog. soc.; New York co. med. soc.; New York acad. of medicine; New York medico-legal soc.; New York Medical Journal asso.; New York public health asso.; New York acad. of sciences; etc. He is attending phys. to the Presbyterian hosp., New York, and consulting phys. to the Presbyterian home for aged women, New York. His contributions to medical literature have been, occasionally, histories of cases met with in private and hospital practice.

WILLIAMSON, JEFFERSON, Ottumwa, Ia., was born in Adams co., O., March 31st, 1827. Having received a common school education, he was from his twentieth to his twenty-second year a private pupil of Prof. R. Buck, at West Union, Ohio. In 1850–52 he attended lectures at Cleveland med. coll., graduating in the latter year, and shortly thereafter establishing himself at Ottumwa. In the winter of 1865–66 he attended a course of lectures at Rush med. coll., Chicago. He is a member of the Am. med. asso.; of the Iowa State med. soc., its president in 1872; of the Des Moines valley med. asso., its permanent secretary; and of the Wapello co. med. soc., of which he is president. He has been an occasional contributor to medical journals and also to the Transactions of the State soc.; among the papers furnished to the latter may be mentioned reports of a case of ovariotomy followed by a speedy recovery, and of a successful operation upon a vesico-vaginal fistula. He was married, in May, 1852, to Sarah N., daughter of Robert Jones, Esq., of Wilmington, Ohio.

GILMAN, JUDSON, Baltimore, Md., was born, Dec. 22d, 1818, in Meredith, Strafford (now Belknap) co., N. H. He is a descendant of Edward Gilman, the progenitor indeed of all the Gilmans in this country, who came from Hingham, England, in 1638, and settled in New England, the family having been a prominent one in Hingham for more than two hundred years before, originating, so far as known, in North Wales in 843, in the time of Roderick the Great. He received his preparatory education in Roxbury (now Boston), Mass., his collegiate at Colby univ., Me., and his medical at the univ. of Md., from which he graduated in 1845, settling permanently at Baltimore. He is a member of the med. and chirurg. faculty of Md., of which he has been treasurer since 1870, as he had been in 1860 and 1861; of the historical soc. of Md. since 1855; of the med. and surg. soc. of Baltimore (now disbanded), of which he was at one time president; and of the Baltimore med. soc., of which he is now president. His literary contributions consist of reports of cases and papers read before local societies. From 1850 to 1860, excepting 1855–56, he was ass't commissioner of health for the city of Baltimore, and in 1866 State inspector of guano. He was a U. S. surg. in the field in 1862, disabled a portion of 1863, and acting ass't surg. in hospitals at Point Lookout, from Oct., 1863, to the close of the war. He was married to Mary A. Willis, in June, 1845.

HALL, JEREMIAH F., Portsmouth, N. H., was born at Northfield, N. H., Dec. 2d, 1816; received his education at Sanborton acad., and Franklin acad.; and studied medicine at Dartmouth med. coll., from which he graduated in 1836, settling the following year at Wolfboro', N. H., whence, in 1863, he removed to Portsmouth. He is a member of the N. H. med. soc., of which he was president in 1872; of the Carroll co. med. soc., of which also he has been president; and an hon. member of the Strafford co. med. soc. His services to medical literature consist principally of miscellaneous contributions to the *Boston Medical and Surgical Journal*. In 1874 he was elected a member of the N. H. State senate, and re-elected in 1875; and in the civil war was surg. of the 15th N. H. vols., as also of the board of enrolment for the 1st N. H. district; and is at present examining surg. for pensions. He was for eleven years a director of the Lake national bank, and vice-president and director of the Carroll co. Ten-cent savings bank, both at Wolfboro', N. H. He was also president of the board of trustees of Wolfboro' academy, and is now a director and vice-president of the Portsmouth trust and guarantee company. He has been twice married—to Annette A. Livy, of Wolfboro', Dec. 14th, 1837, and, Oct. 24th, 1872, to Frances E. Laighton, of Portsmouth.

SLUSSER, LEWIS, Canton, Ohio, of German descent, was born at Canton, Jan. 21st, 1820. Educated at Jefferson coll., Cannonsburg, Pa.; attended lectures at the National med. coll., Washington, D. C., 1844-45; practised two years under instruction; entered Ohio med. coll., Cincinnati, and graduated thence, M. D., in March, 1848. Upon receiving his degree he established himself in practice in Canal Fulton, Stark co., O., where he remained until 1861, when he removed to his present location. He is a member of the county med. soc.; of the Ohio State med. soc.; of the Northeastern Ohio med. asso.; the Am. med. asso.; and of the asso. of med. superintendents of American institutions for the insane. He was an occasional contributor to the Philadelphia *Medical Examiner*, and Cincinnati *Western Lancet*. He was elected med. superintendent of the Cleveland hosp. for the insane, March, 1874, and resigned Jan., 1876. He was twice elected a member of the State Legislature. On the breaking out of war in 1861, he entered the U. S. vol. army as surg., serving throughout the entire war. His first wife, Sarah, daughter of Dr. Joseph Pearce, of Huron, O., died while with him in the army at Nashville, Tenn., in 1863. In 1866 he married Helena A., daughter of C. F. Ricks, Esq., of Massillon, O.

TOPPING, GEORGE WASHINGTON, of De Witt, Mich., was born in the town of Wentz, Cayuga co., N. Y., Dec. 11th, 1827. His parents were Daniel and Betsy, his great-grandfather, Daniel Topping, having emigrated from England, and served as a captain in the revolutionary war in the colonial army. He received his early education in the county schools, at Groton acad., N. Y., and at the State normal school in Albany. His medical education was obtained at the Western Reserve med. coll., O., and at the med. dep't of the univ. of Mich., at which he graduated in March, 1854. He settled in De Witt immediately after. Among the incidents of note in his career was the case of Charles Corlett, in 1867, who completely severed the larynx and the anterior portion of the œsophagus near the pomum Adami. The patient was fed through the wound for twenty days until completely healed. Another operation was the amputation of the foot through the shaft of the metatarsus. He was elected president of the Clinton co. med. soc. in July, 1877; corres. secretary of Mich. State med. soc. in June, 1870; and served on several of the committees of said society. Was a delegate to the Am. med. asso. in 1872, and again in 1876. He contributed a paper on "The Contagiousness of Typhoid Fever," to the Transactions of the Michigan State med. soc.; another on "Amputation through the Metatarsus," in the *Michigan University Medical Journal*, of July, 1872, and *American Journal of the Medical Sciences*, 1873; and essay entitled, "The Physician, His Relations to the Public," published separately by request of the Central Mich. med. soc., in 1873, and other papers in various State med. journals. In June, 1875, he offered a resolution in the Michigan State med. soc. in opposition to homœopathy and its relations to scientific medicine, in the med. dep't of the Mich. univ., thus inaugurating the opposition to homœopathy in that State university. Outside of his profession he has never held a position other than school inspector. He was examining surg. for Clinton co., Mich., under the State laws for drafting militia in 1862 and 1863. He has been married twice; the first time to Lucina, daughter of Daniel Hurd, Esq., of De Witt, Mich., on April 23d, 1856. She dying in June, 1864, in Aug., 1865, he married Sindenia A., daughter of Appleton Ballard, Esq., of Lansing, Mich.

BARTLETT, CYRUS K., St. Peter, Minn., was born at Boxford, Mass., Jan. 23d, 1829. Having received an academical education, supplemented by a course of study under private tutors, he entered the Harvard med. school, and was graduated thence M. D. in March, 1852. Until 1858 he practised in Charlestown, Mass.; was then appointed ass't phys. to the Massachusetts State lunatic hosp. at Northampton, and was for a time acting superintendent of that institution. In Nov., 1868, he was elected superintendent of the Minn. hosp. for the insane at St. Peter, a position that at present (1877) he continues to occupy. During his residence at Charlestown and Northampton, he was a member of the Massachusetts State med. soc., and since his removal to St. Peter has been a member of the State med. soc. of Minn. His most important professional publications are his annual reports of the hosp. under his charge. He married, Aug. 10th, 1864, Abby Page, daughter of the late Franklin Burnham, of Windsor, Vt.

JARVIS, EDWARD, Dorchester, Mass., son of Francis Jarvis and Melicent (Hosmer) Jarvis, was born at Concord, Mass., Jan. 9th, 1803. He is descended on his father's side from John Jarvis, a ship-builder, who emigrated from Yorkshire, England, to Boston in 1661; and on his mother's from James Hosmer, who came from Kent, Eng-

land, in 1635, and settled at Concord on a farm which has been owned and cultivated by the family for nine generations. Having received his preparatory education at Concord and at the Westfield acad., he graduated at Harvard coll. in 1826, receiving the degree of A. M. in 1829, and from the Boston med. school in 1830. From 1830 to 1832 he practised at Northfield, Mass.; from 1832 to 1837, at Concord, Mass.; from 1837 to 1842, at Louisville, Ky.; and at Dorchester, Mass., since 1843. He is a member of the Am. statistical asso., of which he is president, as he has been since 1852; member of the Mass. med. soc.; and the Norfolk med. soc., of which he has been president and vice-president, and for twenty years was secretary; member of the Am. acad. of arts and sciences; Am. philosophical soc.; Am. antiquarian soc.; Am. asso. of superintendents of insane hosps.; honorary member of the Massachusetts, New York, Connecticut, Washington and Buffalo historical socs.; the London statistical soc.; the British psychological soc.; the British asso. for the advancement of social science. He has been a diligent investigator and a voluminous writer, having published in addition to two works on the laws of health, entitled respectively, "Physiology and Health," and "Elementary Physiology," some eighty articles—reviews, reports and papers; his subjects taking a wide range, but particularly relating to idiocy, intemperance and mortality, hygiene, public and private, vital statistics, and insanity in all its aspects and relations, including the plan, administration, and relative advantages of hospitals. These articles were printed in the Philadelphia *Journal of Medical Sciences;* Boston *Medical Journal; Journal of Insanity; North American Review; Christian Examiner; Barnard's Journal of Education;* "Reports of the United States Bureau of Education;" Louisville, Ky., *Medical Journal;* "Worcester, Mass., Hospital Reports;" London *Psychological Journal;* Transactions of the International statistical congress at London, 1860, and St. Petersburg, 1872. In the last was published his "History of the Origin and Progress of the Population of the United States, from 1790 to 1870." He made many years ago a sanitary survey of Massachusetts, by order of the government, and presented the results of his examination in a report of nearly three hundred pages, which was published in 1855; and, subsequently, by appointment of the Secretary of the Interior, he digested and tabulated the facts of mortality in the United States as reported in the census of 1860, his work constituting one-half of the fourth volume of the Eighth Census. For several years he served as a member of the school committee in Northfield, Concord, and Dorchester, Mass., and in Louisville, Ky.; and was one of the original members of the Massachusetts corporation for idiotic youth, of which he was secretary from 1851 to 1877. He was married, Jan. 9th, 1834, to Almira Hunt, of Concord, Mass., who is now living.

GENDS, AUGUSTUS HENRY, New Orleans, La., was born in New Orleans, Aug. 27th, 1808. Having received an academic education, he entered the med. dep't of the univ. of Pa., and was graduated thence M. D. in March, 1830. During the ensuing two years he was resident student in the Philadelphia almshouse hosp., and in 1832 established himself in New Orleans. In 1836 he visited Europe, and until 1838 further pursued his professional studies in Paris. In 1834 he was one of the founders of the med. coll. of La., afterwards the med. dep't of the univ. of La., and was the first prof. of obstetrics in that institution. In 1835 he resigned his professorship, but upon his return from Europe in 1838 was re-elected, and until 1865 continued to fill the chair. Since 1865 he has been emeritus professor. In 1850 he visited Europe as the agent of the faculty for the purchase of models, preparations, etc., for the museum of the university. For nearly thirty years he was visiting phys. to the New Orleans charity hosp. Until 1860 he was engaged in a general practice, since then he has devoted himself exclusively to midwifery and diseases of women. He was elected in 1829 a member of the Philadelphia med. soc.; in 1832 a member of the New Orleans physico-med. soc.; and in 1867 a corres. member of the gynæcolog. soc. of Boston. From 1833 to 1836 he was a member of the Louisiana State board of health; and from 1840 to 1846, a member of the board of med. examiners for the eastern district of Louisiana. He married, Dec. 14th, 1833, Minerva, daughter of Major Daniel Carmick, of the U. S. army (marine corps), stationed and resident in New Orleans.

HAM, LEVI JEFFERSON, South Bend, Ind., of Scotch descent, was born, Nov. 16th, 1805, in York county, Me. He was educated at Dartmouth coll., and graduated from the medical school of Maine in 1830, having been for two years a private pupil of the elder Mussey. He settled first in his native county, whence he moved to Erie co., N. Y., and thence to South Bend, St. Joseph's co., Ind. He has been a member of the med. soc. of Me.; and of the

Erie co. (N. Y.) med. soc., of which he was president in 1852–53; and is a member of the Am. med. asso. He was a State senator of Maine in 1837–38, and again in 1845; and in 1843–44–45 was a trustee of the Maine insane asylum. In the civil war he was surg. of the 48th reg. of Ind. vols., serving at one time as med. director of the 17th army corps, and in 1863 as chairman of the operating board of the 7th div. of the 17th army corps, in front of Vicksburg, at Lookout Mountain, and at Mission Ridge.

SMITH, JOB LEWIS, of New York, was born at Spafford, Onondaga co., N. Y., Oct. 15th, 1827. His ancestors were farmers, of New England descent, his grandparents participating in the war of the revolution. He was educated in the public schools of Onondaga co., and in Homer acad.; also at Yale coll., graduating from the acad. dep't there in 1849. He read medicine with Dr. Caleb Green, and Drs. Goodyear and Hyde, in Cortland co. in 1850, studying also botany in the valley of the Tioughnioga (an upper branch of the Susquehanna). He attended lectures in the Buffalo med. school, in 1851 and 1852; was one year an interne of the hosp. kept by the sisters of charity in Buffalo, and graduated at the coll. of phys. and surg., in New York, in 1853, settling there and commencing practice also in that year. He is the author of a "Treatise on Diseases of Children," a work which has gone through three editions; also of various contributions to the medical journals, chiefly on subjects relating to children. He is phys. to the Charity hosp.; the N. Y. foundling asylum; the N. Y. infant asylum; consult. phys. to the children's class in the bureau for the relief of out-door poor; and clin. prof. of dis. of children in Bellevue med. coll. He married, in 1859, Mary Anne, daughter of George Hannah, Esq., of New York city.

LEIDY, JOSEPH, Philadelphia, was born in Philadelphia, Sept. 9th, 1823. Having received his preparatory education at private schools, he began the study of medicine under Drs. James McClintock and Paul B. Goddard; subsequently entered the med. dep't of the univ. of Pa., and in 1844 graduated M. D. from that institution. His life has been devoted mainly to biological research, especially in the fields of human and comparative anatomy and vertebrate palæontology. In 1846 he was elected demons. of anat. in the (since extinct) Franklin med. coll., and in the same year was chosen chairman of the curators of the acad. of nat. sciences. In 1853 he was appointed prof. of anat. in the med. dep't of the univ. of Pa., a position that he still holds (1877); and in March, 1871, he was appointed, and is still, prof. of nat. hist. in Swarthmore coll. His published works—ranging from pamphlets to elaborate treatises comprehending several volumes—amount to some eight hundred, and are, as a whole, a most valuable addition to scientific literature. Of these perhaps the most important are "Flora and Fauna within Living Animals," 1 vol., 4to., pp. 67, plates 10, 1853; "Ancient Fauna of Nebraska," 1 vol., 4to., pp. 126, plates 24, 1853; "Memoir on the Extinct Sloth Tribe of North America," 1 vol., 4to., pp. 68, plates 16, 1855; "Cretaceous Reptiles of the United States," 1 vol., 4to., pp. 135, plates 20, 1865; "Extinct Mammalian Fauna of Dakota and Nebraska: together with a Synopsis of the Mammalian Remains of North America," 1 vol., 4to., pp. 472, plates 30, 1869; "Contributions to the Extinct Vertebrate Fauna of the Western Territories," 1 vol., 4to., pp. 358, plates 37, 1873; and "Description of Vertebrate Remains from the Phosphate Beds of South Carolina," 4to., pp. 52, plates 5, 1877. The greater part of his more important works have been issued through the Smithsonian Institution, the acad. of nat. sciences of Philadelphia, and Hayden's U. S. reports of geological surveys of the Territories. During the late war he served as surgeon in the U. S. volunteer army, having been contract surg. to the Satterlee general hosp. at Philadelphia.

CHENEY, WILLIAM FITCH, Chico, Cal., was born, Dec. 30th, 1832, at Richmond, Ontario co., N. Y. He is the son of Dr. E. W. Cheney, of Canandaigua, N. Y., and is of New England ancestry. He was educated at Hobart free coll., Geneva, N. Y., and graduated at the New York med. univ. in 1862, after which he settled in Canandaigua, whence, in 1869, he removed to California. He is a member of the Northern dist. med. soc. of Cal., of which he was president from 1875 to 1876; and of the Cal. State med. soc., of which he was vice-president from 1874 to 1876, and is now president. In 1861 and 1862 he was with the army of the Potomac, under Gen. Slocum; and subsequently was in the employ of the sanitary commission at Gettysburg and elsewhere.

BECK, ELIAS W. H., Delphi, Ind., of German-Scotch descent, was born at Lewistown, Mifflin co., Pa., Jan. 18th, 1822. His professional education was received in the Ohio med. coll., and in the univ. of New

York, his degree, M. D., being conferred by the latter institution in March, 1848. Previous to graduation, he served as an ass't surg. in the U. S. army during the Mexican war, being attached to the general hosp. at Matamoras. In the spring of 1848 he began the private practice of his profession at Delphi; crossed the plains in 1850; practised for four months in California, and in the spring of 1851 returned to Delphi, where he has since been established. He is a member of the Carroll co. med. soc., and of the Ind. State med. soc. During the late war, he was for one year surg. of the 3d Ind. cav.; was for six months surg. of brig., and for eighteen months surg. of div.; took part in seventy-seven engagements; had his horse shot under him at Antietam; was taken prisoner at Gettysburg, and after his release established a hospital for the cavalry corps, and also a hospital for wounded prisoners belonging to the Confederate States cavalry. Both of these hospitals he superintended until in good working order, and then returned to his command. Although a non-combatant, the part that he played in the turning battle of the war was of exceptional importance. On the night of July 3d, while within the enemy's lines in charge of his hospital in the Presbyterian church, on Baltimore street, he observed, about midnight, the sentinels in front of the hospital and adjacent private residences quietly withdrawing from their posts, while the bodies of soldiery stationed in the cross streets near by were as silently falling into line and marching to the rear. Slipping down an alley-way, he saw troops engaged in throwing barricades across the streets; small detachments being detailed as guards over these defences, and larger detachments falling back. It was evident that Lee was beaten; was in the act of retreating, and was covering his retrograde movement. Running into a private house, he picked up a white bolster slip, and waving this before him he ran up Baltimore street toward the Union line to give notice of the enemy's action. As sharpshooters covered the street and had orders to keep it clear, this was a dangerous piece of work, but he accomplished it in safety; gave his information to Gen. Howard (at 3 A. M.), and so enabled that officer to push forward his forces, open a brisk fire, and capture a large portion of Lee's rear guard. Gen. Howard did not see fit to mention these facts in his recently published (in the *Atlantic Monthly*) history of the battle of Gettysburg; but shortly after the battle, Representative Orth drew the attention of the lower house of Congress to Dr. Beck's gallantry, as will be seen by reference to the files of the *Record*. In a strictly professional way he also distinguished himself: shortly after the general order issued by the surgeon-general to not amputate for joint wounds when resections could be made, and further ordering that resections should be made when less than four inches of the shaft only should be cut away, he made his first resection at shoulder-joint, and actually sawed off four and a half inches of the bone. The patient made a prompt recovery and had a useful arm. The bone is now preserved in the surgeon-general's cabinet; photographs of it have been obtained by numerous medical colleges for use in class; and reference is had to the case in "The History of the Civil War." Dr. Beck married, Oct. 22d, 1848, the daughter of Gen. Samuel Milroy, of Carroll co., Ind.

GOODMAN, HENRY EARNEST, Philahdelpia, of German descent, grandson of —— Goodman, an officer of the Continental army, and son of Henry and Maria (Earnest) Goodman, was born at Speedwell, near Philadelphia, April 12th, 1836. His professional education was received in the univ. of Pa., whence he was graduated M. D. in 1859. In the same year he established himself in Philadelphia, engaging in a general practice, but giving especial attention to orthopœdic and ophthalmic surgery. Of his notable cases may be mentioned, amputation of leg near the great trochanter, and performance of tracheotomy, both successful. He is a member of the coll. of phys.; pathol. soc.; ophthalmo. soc.; social science asso.; acad. of the natural sciences (all of Philadelphia); Am. med. asso.; Am. public health asso., etc. From 1866 to 1872 he was port phys. of Philadelphia, and since 1866 has been exam. surg. to the U. S. pension bureau. In 1868 he visited the prominent European hospitals, and attended as a delegate the convention of the British med. asso. at Oxford, and the International ophthalmo. congress at Heidelberg. He was one of the originators of the Philadelphia orthop. hosp., and of the Pa. State hosp. for women, and has served as resident phys., Blockley alms-house; resident phys., Wills' eye hosp., and as surg. to the same institution; surg. orthop. hosp.; surg. out-door dep't Pa. hosp.; consulting surg. Pa. State hosp. for women, and med. adviser widows' and orphans' fund life ins. co., Atlanta branch. In May, 1861, he was commissioned surg. of the 8th, and in July, 1861, was made surg. of the 28th Pa. reg.; was appointed ass't surg. of U. S. vols., May 6th, and was promoted to be surg., May 26th, 1864 He subsequently served as surg.-in-

chief 2d div., 20th army corps; and as med. director of several army corps. In Nov., 1865, resigned his commission and left the service with the brevet rank of colonel of vols. While in the army he was, successively, surg. in charge of the 12th army corps hospitals at Harper's Ferry, Acquia Creek and Gettysburg; after Gettysburg was surg. in charge of camp Letterman, and later, of a division hospital, and was present at the battles of Ball's Bluff, Cedar Mountain, Antietam, Chancellorsville, Gettysburg, Lookout Mountain, Missionary Ridge, Ringgold, Resaca, and numerous less important engagements. He married, April 11th, 1874, the widow of the late Gov. John W. Geary, of Pennsylvania.

FISCHER, EMIL, Philadelphia, Pa., was born, June 23d, 1832, at Bernstadt, Silesia, Prussia. From his seventh to tenth year he attended the common schools, and until his eighteenth year the gymnasium at Brieg, Prussia Coming to this country soon after, he entered the Jefferson med. coll., whence he graduated in March, 1855, and locating in Philadelphia, commenced the practice of his profession He is a member of the coll. of physicians; county med. soc.; Northern med. asso.; pathological soc.; acad. of natural sciences (biological and microscopical sections) of Philadelphia; the Am. med. asso.; Am. pub. health asso.; etc. To medical literature he has contributed the "Catalogue Raisonné of the Medical Library of the Pennsylvania Hospital," 1857; and frequent articles to various medical journals, particularly the *North American Medico-Chirurgical Review*, 1858-63, consisting of abstracts from foreign journals, reviews, and clinical reports. He has officiated as librarian to the Pa. hosp., phys. to the Northern and German dispensaries, and attending phys. to the German hosp He was married, in Dec., 1858, to Rowena, daughter of Burton Kingsbury, of Towanda, Pa.

BEARD, GEORGE MILLER, New York, was born at Montville, Ct., May 8th, 1839 His father, the Rev. S. F. Beard, was a Congregational clergyman of New England. His grandfather was a physician. He prepared for college at Phillips' acad., Andover, Mass., under the late Dr. Samuel H. Taylor, and entered the academical dep't of Yale in 1858, graduating in 1862, after which he studied one year in the med. dep't of Yale, and in 1866 graduated at the coll. of physicians and surgeons, New York, in which city he at once settled, devoting himself, in connection with Dr. A. D. Rockwell, to electro-therapeutics, which, with nervous diseases, constitute his specialty. He is a fellow of the New York acad. of medicine; member of the New York co. med. soc.; of the Kings co. med. soc.; of the New York soc. of neurology; of the Am. med. asso.; of the Am. neurolog. asso.; and of the Am. asso. for the cure of inebriates. He published in 1866 a paper on "Electricity as a Tonic," and in 1867, with Dr. Rockwell, a work on "The Medical Uses of Electricity, with Special Reference to General Electrization," and in the same year a paper on "The Longevity of Brain-Workers," in which it was demonstrated that those who live by brain live longer than those who live by muscle, and that great men live longer on the average than ordinary men; in 1868, translated from the German, and edited, with an introduction, Tobold's "Chronic Diseases of the Larynx;' in 1869 published a popular work for the family, entitled "Our Home Physician;" in 1871, with Dr. Rockwell, a work on "Medical and Surgical Electricity," which was translated into the German by Dr. Väter; and in the same year two popular treatises, entitled respectively, "Eating and Drinking," and "Stimulants and Narcotics," and also a paper on "Electricity and the Sphygmograph," wherein was explained the method of central galvanization; with Dr. Rockwell a paper on "Galvanization of the Sympathetic;" in 1872 a paper on "Recent Researches in Electro-Therapeutics," and one on "Electricity in Diseases of the Skin;" in 1873, with Dr. Rockwell, a monograph, entitled "Clinical Researches in Electro-Surgery;" a paper on "Atmospheric Electricity and Ozone; their Relation to Health and Disease;" in 1874 a monograph on "Legal Responsibility in Old Age, Based on the Author's Researches into the Relation of Age to Work," founding in the same year a semi-annual journal, "The Archives of Electrology and Neurology," which continued two years, and also beginning the study of the physiology and pathology of delusions, and explained the performances of the Eddy brothers, and Brown, the mind-reader; in 1875 published a paper on "The Relation of the Medical Profession to Popular Delusion of Animal Magnetism, Clairvoyance, Spiritualism and Mind-Reading," and also, with Dr. Rockwell, a revised and enlarged edition of "Medical and Surgical Electricity;" in 1876 a work on "Hay Fever, or Summer Catarrh," based on original researches, and advocating the nerve theory of that disease, and in the same year a paper on "New Facts and Suggestions Relative to Hay Fever;" in the same year published a paper on "The Causes of the Recent Increase of Inebriety in America;" and in 1877 a

monograph on "The Scientific Basis of Delusion, Being a New Theory of Trance and its Bearing on Human Testimony," with one on "Mental Therapeutics, or the Influence of Mind in the Causation and Cure of Disease;" and a paper on "The Physiology of Mind-Reading;" also a paper on "Writers' Cramp, its Nature, Symptoms and Treatment," and a paper on "Practical Points in the Electrolysis of Cystic and Fibroid Tumors," and other valuable papers. From 1863 to 1864, eighteen months, he was acting ass't surg. in the U. S. navy, in the western gulf squadron. In 1868 was lecturer on nervous diseases in the univ. of N. Y.; and from 1873 to 1876 phys. to the Demilt dispensary, in the dep't of electro-therapeutics and nervous diseases. He married, in 1866, Elizabeth Ann Alden, of Westville, Ct.

WITTIG, CHARLES FREDERICK AUGUSTUS, Philadelphia, was born in Nordheim, June 26th, 1808. He received his literary and classical education at the gymnasium of his native town, and studied medicine at the university of Göttingen, whence he graduated M. D., Aug., 1833. Soon after graduating he came to this country and settled in Philadelphia, in an active general practice. He is a member of the northern med. asso., was its president in 1863; of the county med. asso., elected in 1851, was a member of its meteorological committee and author of its report. He also translated, together with Dr. W. B. Atkinson, a prize essay from the French, entitled "Ancient Transfusion and Infusion, Compared with Modern Transfusion, Infusion and Hypodermic and Sub-Cutaneous Injections," by Jean Baptiste Ullersberger. Also from the Latin an inaugural dissertation on "Progressive Locomotor Ataxia." He was married in April, 1834.

MCMURTRIE, GEORGE SALTAR, Central City, Col., son of Dr. Henry McMurtrie, of Philadelphia, dec'd, was born in this city, Jan. 3d, 1826. He was educated at the Philadelphia central high school, and pursued his medical studies in the Pennsylvania med. coll., whence he graduated March 3d, 1860. He settled first in Philadelphia, but removed to Central City in 1866. He is a member of the Colorado State med. soc., elected president in 1873. He holds the position of U. S. examining surgeon for pensions.

WHIPPLE, SOLOMON MASON, New London, N. H., was born in Croydon, N. H., July 28th, 1820. He comes of ancestors who took part in the revolutionary struggle. He graduated at Norwich univ., Aug., 1845, and received his degree of M.D. at Woodstock med. coll., June, 1849. He settled at New London in August of the same year, in general practice. He is a member of the N. H. med. soc., was its president in 1876, and has been on some of its most important committees. He has also contributed frequently to popular medical journals. He has held the position of sup't of schools of New London, a commission as ass't surg. of 3d reg., N. H. militia. In 1851 he married Henrietta K., daughter of Amos K. Husey, of Sanbornton, N. H. He has had three sons, one of whom is also a practising physician.

DUER, EDWARD LOUIS, was born in Crosswicks, N. J., Jan. 19th, 1836, his father being Dr. George S. Duer, the descendant of a Scottish family long resident in this country. Graduating from Yale coll. in 1857, he entered the med. dep't of the univ. of Pa., receiving his degree of M. D. in 1860. During the years succeeding his graduation, he practised in conjunction with his father at Crosswicks. In 1861 he entered the U. S. army as surg. of vols., serving throughout the entire war. Upon being mustered out of the service, he established himself in practice in Philadelphia, making a specialty of obstetrics and diseases of women. He is a member of the pathol. and obstet. socs.; a fellow of the coll. of physicians, etc.; is accoucheur and clinical lecturer on diseases of women and children at Philadelphia hosp.; and visiting phys. to the Preston Retreat and State Hospital for Women. He was married Oct. 29th, 1863.

FILBERT, L. S., was born in Berks co., Pa., March 12th, 1825. Receiving his preliminary education at academic institutions in Northumberland and Snyder counties, he entered the med. dep't of the univ. of Pa., graduating thence in March, 1847. Establishing himself in Bainbridge, Lancaster co., Pa., he remained in practice for the ensuing seven years. At the end of this period he attended a second course of medical lectures, and thereafter removed to Columbia, Lancaster co., where he again began to practice. In 1858 he was appointed by Gov. Packer quarantine phys. for the port of Philadelphia, and removed to that city, where he has since remained. He was married Dec. 21st, 1849.

HORN, THOMAS G., Colorado Springs, Col., was born in Martinsburg, Berkeley co., Va. (now West Va.), Sept. 5th, 1832, and was educated at private schools in Virginia, studying medicine at the St. Louis med. coll., and the Missouri med. coll., graduating from the former in 1868, and receiving from the latter an honorary degree in 1872. In

1874 he settled at Junction City, Kansas, where he remained until the spring of 1875, when he removed to Colorado Springs, Col., his present residence. He is a member of the Davis co. med. soc., of which he is secretary; of the State med. soc. of Col., of which he is vice-president; and of the State board of health. He is the author of several contributions to the Leavenworth *Medical Herald;* of various papers read before medical associations; and of a work entitled "Mineral Springs of Colorado." At different times he has been a member of the school board. He entered the U. S. military service in 1861, but having been taken prisoner in Nov., 1862, and confined eight months in the south, he lost his health, so that he was unable to return to the regular service, although he managed to perform the duties of a contract surgeon at different forts in the west. He has been a steadfast worker in the cause of temperance, and is a member of the Methodist Episcopal conference, before which, Dec. 13th, 1876, he read a paper on "The Class Leader and his Work," which was well received by that body and the public. He was married, Sept. 3d, 1862, and has two children living.

BRICELAND, JOHN MILTON, Shasta, Cal., was born in Edgington, Brooke co., West Va. He was educated at Jefferson coll., Cannonsburg, Pa., and pursued his medical studies at the Jefferson med. coll., Philadelphia, graduating in 1847, and settling first in Garysburg, N. C. In 1855 he removed to Lancaster, Dallas co., Texas, and in 1859 to Shasta, where he engaged in general practice. He is a member of the California State med. soc., second vice-president—elected 1877. He is also at present a member of the California Legislature, and is actively engaged in the furtherance of the passage of laws against irregular practitioners. In 1849 he married N. B. Cox, daughter of George Cox, Sr., of Brooke co., West Va. In 1865 he married second time, Ella C. Crawford of Woodstock, Va.

WILLARD, EDWIN RUTHVEN, of Wilmington, Ill., was born in Aurora, Erie co., N. Y., Aug. 29th, 1829. His father was Samuel Willard, who was the son of Nathaniel Willard, of Lancaster, Mass. He received his education at Fowler's and McElvane's seminaries, in the States of New York and Michigan, and commenced the study of medicine in the office of Samuel Niles, M. D., in 1848; attended the Rush med. coll. in Ill., graduating in 1852. In the same year he settled in Wilmington, Will co., Ill. He is a member of the Will co. med. soc.; was its vice-president in 1861, its secretary in 1865, and its president in 1876; likewise one of the board of censors of the same, and is a member of the Illinois State med. soc., and also a member of the Am. med. asso. His contributions to medical literature consist of papers on "Puerperal Fever;" "Inversion of the Uterus;" "Extraordinary Surgical Cases;" "Perineal Section;" "Placenta Prævia;" "Diphtheria," etc. During the war of the rebellion he was surg. of the 13th Ill. cavalry; held also the different positions of brigade, division, and post-surgeon; he continued in active service in the medical department until after the close of the war; was elected supervisor in 1866; held also the position of school inspector for several years. On Sept. 27th, 1853, he married Ann McIntosh, of Wilmington, by whom he had four sons and one daughter. The elder of the sons, Dr. G. E. Willard, is now located in Chicago.

MUNDÉ, PAUL FORTUNATUS, New York, was born in Dresden, Saxony, Sept. 7th, 1846, his father being descended from Swedish emigrants who came to Germany with Gustavus Adolphus, his mother belonging to a Saxon baronial family. Immigrating to America with his parents, in 1849, he was educated in this country, graduating from the med. dep't of Harvard univ. in March, 1866. While a medical student, he was, in 1864, an acting volunteer cadet in the U. S. army. Going to Europe in the year of his graduation, he entered the Bavarian service as a volunteer ass't surg., serving through the war, and being decorated at its close with the cross of civil merit. In 1867–70 he was clinical ass t to Prof. Scanzoni, and house phys. to the lying-in hosp. at Wurzburg, Bavaria; in 1868–70, tutor to the school for midwives in the same city. At the outset of the Franco-Prussian war he tendered his professional services to the Bavarian government for the period of the conflict, and being accepted, was attached as battalion surg. to the 2d corps of the Bavarian army, accompanying that corps on its march to Sedan, and thence to Paris, before which city he lay in camp for five and a half months. In 1871, at the close of the war, he took his discharge, receiving the German service-medal for service in the field, and also that for non-combatants. After retiring from the army he pursued his professional studies in Vienna for nearly a year, receiving the degree of master in obstetrics from that university in Dec., 1871. Thence he went to Berlin, Heidelberg, Paris, London, and Edinburgh, spending several weeks at each of these universities. Returning to America in Oct., 1872,

he established himself in New York, making a specialty of gynæcology and obstetrics. He is a fellow of the Am. gynæcolog. soc.; New York obstet. soc., of which he was secretary, 1873–76; New York acad. of medicine, and corres. fellow of the Philadelphia obstet. soc.; also member of the New York co. med. soc. He is ass't surg. to the Woman's hosp., New York, and attending phys. for diseases of women to the out-door dep't of the Mount Sinai hosp. He is editor of the *American Journal of Obstetrics*, to which he has contributed a number of important papers—among the most noteworthy of these are "The Treatment of Cancer of the Uterus with the Sharp-edged Scoop or Curette;" "The Cranioclast as Improved and Used by the Vienna School;" "The Radical Operation for Prolapsus Uteri, as Practised by Prof. Carl Braun, of Vienna;" "A Case of Presumptive True Lateral Hermaphrodism;" "Retention of the Dead Ovum;" "Reposition of Retro-displacement of the Gravid Uterus by Posture and Atmospheric Pressure;" "Reports on Gynæcology for 1874 and 1875" (the latter of which was republished verbatim in the French language), besides numerous reviews of books and foreign articles. He is also one of the collaborators to Johnson's Universal Cyclopædia, having written the article "Obstetrics" for that work. He was married, Nov. 11th, 1873, to Eleanor Claire, daughter of the late E. B. M. Hughes, Esq., of New Haven, Conn.

SMITH, SAMUEL PRICE, Cumberland, Md., son of Dr. Joseph C. Smith, one of the corporators, in 1798, of the medico-chirurg. faculty of Md., was born near Frederick, Md., Dec. 21st, 1795. After receiving a common school and academical education, he began the study of medicine under the eminent Dr. Collin McKenzie, at the Md. hosp. and lunatic asylum (now the John Hopkins univ.), completing his professional studies in the school of med. of the univ. of Md., whence he graduated in March, 1817. A few months later he established himself at Taneytown, Frederick co., but was induced, in Feb., 1820, to remove to his present location. The practice upon which he there entered was of the most laborious character, actually extending over a district including between four and five thousand square miles of mountainous, rugged country, sparsely settled and with the merest apologies for roads. Travel was necessarily on horseback, and he has frequently ridden seventy-five miles through snow or rain to see his more distant patients. The situation had at least the advantage of being, practically, free from rival practitioners, there being but two other physicians in the entire county; but then, to be sure, there were in the town of Cumberland only some 1300 people. The prevalent disorder at the time of his settlement at Cumberland was, each autumn, bilious remittent or intermittent fever; and in combating this phase of disease, he introduced, in 1822 or 1823, the use of sulphate of quinia into the county, greatly to the fear and against the prejudices of the people. His first prescription was for eight grains, to be administered hourly in one-grain doses. In his surgical practice he had a most interesting case of ovarian pregnancy, of twenty years' standing, in which many of the fœtal bones, as black as ebony, were removed through the anterior walls of the abdomen, and a portion through the rectum, some days before death. This case was made by him the subject of a paper printed in a Baltimore periodical. He is a member of the medico-chirurg. faculty of Md., being censor for Alleghany co. many years; of the med. faculty of Alleghany co., president from the organization of the body in 1867, until 1875; and of the Am. med. asso. In the war of 1812 he served in the army from Loudon co., and was present at the battle of North Point, near Baltimore. In 1851 he was a member of the constitutional convention of Maryland, and has several times served in the State legislature. In the late war, though nearly seventy years old, he served in the Union army as surg., having charge of hospitals at New Creek, and later, of the large general hosp. at Cumberland. He was married, Sept., 1822, to Margaret D., daughter of Dr. William H. Watson, of Bedford Springs, Pa.

JONES, JOHN WESLEY, Tarboro', N. C., was born in Edgecombe co., N. C., Sept. 31st, 1831. Having received his preparatory education at the Lewisburg acad. and at the univ. of N. C., he entered the med. dep't of the univ. of Pa., whence he graduated M. D. in March, 1857. After graduation he spent a year and a half in Europe in professional study, and upon returning to America established himself in Tarboro', where he engaged in a general practice, but gave especial attention to surgery and to diseases of women. While in Paris he was a member of the Am. med. soc. of that city; is a member and has served as president of the N. C. med. soc., and is a corres. member of the Boston gynæcol. soc. He was elected examiner on anat. on the N. C. med. examining board in May, 1872, for a term of six years. His publications have been confined to contributions to the Transactions of the

N. C. med. soc., and include reports of operations for stone, vesico-vaginal fistula, etc., and contributions to the *Reconstructed Farmer*, an agricultural journal, to which he served as horticultural editor. During the late war he served as ass't surg. in the Confederate army, being for two years med. purveyor, and for the remaining period on duty in hospitals and on med. examining boards. He is examining surgeon for several life insurance companies. He was married November 8th, 1860.

SPOFFORD, JEREMIAH, Groveland, Mass., was born in Rowley, now Georgetown, Mass., Dec. 8th, 1787. He is the son of Jeremiah Spofford, who was the fifth lineal descendant of John Spofford, who immigrated to this country in 1738 and died in 1778. He was educated in the town school, and besides received private instruction from the Rev. Isaac Braman. He studied medicine in the offices of Drs. Israel Whiton and William Parkhurst, both members of the med. soc. of Mass.; attended lectures at the Dartmouth med. coll., receiving his license from the censors of the med. soc. in June, 1813. He settled in Hampstead, N. H., where he remained till March, 1817; moved to Bradford, Mass., and finally, March, 1817, fixed his residence in East Parrish, now Groveland, Mass. He has practised medicine actively for fifty years, but has attended patients for sixty-two years. He retired from active life in 1867. In June, 1818, he was elected member of the Mass. med. soc., and is the author of several medical tracts, besides being the editor of two editions of the "Gazetteer of Massachusetts" (one published in 1828, and the other in 1860); also of two editions of the "Genealogy of the Spofford Family" (1850 and 1870), and associate editor of the *Haverhill Gazette* for thirty years. He has held the position of justice of the peace, trial justice, and was State senator during 1838 and 1839 in the Massachusetts legislature; also surg. of Essex co. militia. He is a member of the N. Y. hist. and genealog. society.

MAXWELL, JAMES DARWIN, Bloomington, Ind., was born in Jefferson co., Ind., on May 19th, 1815, of Scotch-Irish ancestry from the north of Ireland. His father was Dr. David H. Maxwell, of Bloomington, Ind., a pupil of Dr. Ephraim McDowel, of Kentucky; his mother, Mary (Dunn) Maxwell, of Danville, Ky. He graduated in the literary dep't of Indiana univ., at Bloomington, in 1834, and pursued his medical studies in Transylvania coll., Lexington, Ky., in 1837 and 1838, and at Jefferson coll. during 1843 and 1844, graduating at the latter in the latter year, and settling in Bloomington in general practice and surgery. During the course of his practice he has treated what seemed a hopeless case of collapse in Asiatic cholera with success, using the "Russian treatment in collapse." He is a member of the Ind. State med. soc., and of the Mitchell dis't med. soc., Ind.; also of the Monroe co. med. soc., of which he is now president. He contributed an article on the subject of "Masculine Metamorphosis in a Female" to the *American Practitioner*, of Nov., 1876. In July, 1843, he married Louisa, daughter of Joshua O. Howe, Esq., of Bloomington.

JONES, HENRY WEBSTER, Chicago, a grandson of Noah Webster, the lexicographer, was born at Greenfield, Mass., March 10th, 1835. Graduating A. B. from Yale coll. in 1855, he entered the Yale med. school, whence he graduated M. D. in 1858. Two years later the college granted him the degree of A. M. In the spring of 1858 he established himself in Chicago, in which city —save during a foreign journey rendered necessary by impaired health—he has remained in active practice. He was appointed in 1866 attending phys. to the Cook co. hosp., and a year later was designated its gynæcologist and obstetrician in charge. From the date of this appointment until 1871, when he went abroad, he was clinical lecturer on gynæcology and obstetrics. He is a member of the Chicago soc. of phys. and surg.; Chicago med. soc., and a permanent member of the Am. med. asso. For eighteen years he has been examining surg. of the Connecticut mutual life insurance company, and for twelve years has been examining surgeon for the Travelers' life and accident insurance company, of Hartford, Conn. He was married, June 9th, 1859, to Anna Maria Ward, of New Haven, Conn.

BROWNELL, WILLIAM, Utica, Mich., was born at Farmington, Oakford co., Mich., Nov. 16th, 1830. He attended the common school of his district until fourteen years of age, after which he spent four years in a select school at Farmington and one at Plymouth; when, at the age of eighteen, he commenced the study of medicine under Dr. Alanson Hudson, of Farmington, and April 1st, 1852, graduated from the med. dep't of the univ. of Mich., settling at Utica, Macomb co., Mich., where he has resided ever since, excepting three years in the army. He is a member of the Northeastern med. soc., of Mich., of which he has several times been

president; the State med. soc. of Mich., of which he has been vice-president; and the Am. med. asso. His medical writings consist of addresses and reports of special cases before the district and State med. socs. He was president of the board of education for ten years; has been twice elected a member of the State legislature, and in the civil war served three years as surg. of the 2d reg. of Mich. cavalry. He was married, May 10th, 1856, to Jane E. Scudder, of Jackson, Mich., by whom he has had three children, two of whom are living.

HOFF, ISAIAH W., Pomeroy, O., was born near Philippi, Barbour co., West Va., on Dec. 10th, 1822. of German ancestry, who originally settled in New Jersey, but afterwards in Virginia. He received his early education at the West Va. Rector's coll., and attended a course of lectures at the Jefferson coll. in Philadelphia, in 1845–46. He settled first at Jackson Court House and next at Wirt Court House, both in West Virginia, and then removed to Racine, O. Finally he established himself in Pomeroy. He is a member of the Meigs co. med. and State med. soc. of O., and has held the position of health officer of Pomeroy, O. In Dec., 1846, he married Sarah A., daughter of Levi Hopkins, Esq., of Wirt Court House, West Va. He has been in continuous practice for thirty-one years.

WALTON, GEORGE EDWARD, Cincinnati, O., was born in that city, Dec. 25th, 1839. His father was Charles Walton, of Peacham, Vt. After passing through the public schools of Cincinnati, he graduated from Woodward high school in 1857, also in medicine from Bellevue hosp., New York, in 1864. In 1865 he visited Europe, passing most of the time he was there in Paris. Returning in 1867, he commenced general practice in Cincinnati. He is a member of the acad. of medicine of Cincinnati, and of the Ohio State med. soc. He is author of the work on the "Mineral Springs of the United States, Canada, and Spas of Europe" (Appleton, New York), and has in preparation a work on "Health Resorts of Europe and America." Besides these he has contributed various papers to medical and literary journals; and is the designer of a series of medical blank books for the more accurate record of cases, both office and out-door. Between the date of his graduating and his visit to Europe he went to Nashville, Tenn., and entered the army as acting ass't surg. He resigned all connection with the army immediately on the surrender of Gen. Lee. In June, 1870, he married Marion, daughter of William Young, Esq., of Pittsburgh, Pa.

NORRIS, WILLIAM FISHER, Philadelphia, was born in Philadelphia, Jan. 6th, 1839. Educated at the univ. of Pa., he graduated A. B. from that institution in 1858, and A. M. and M. D. in 1861, and in the latter year was appointed resident phys. to the Pa. hosp. In 1863 he entered the U. S. army as ass't surg., was in charge for a year of the Douglas general hosp., at Washington, and in 1865 resigned his commission and established himself in practice in Philadelphia, making a specialty of diseases of the eye. Since 1876 he has been prof. of ophthalmology in the univ. of Pa. He is one of the surg. to the Wills' eye hosp.; is a fellow of the Philadelphia coll. of phys.; member and at present (1877) vice-president of the Philadelphia patholog. soc.; member of the Am. ophthalmolog. soc.; fellow of the Pa. acad. of the natural sciences, etc. His publications have been limited to contributions to professional periodicals, and to the Transactions of the several societies of which he is a member. Among his more important papers may be mentioned, "On Opium Poisoning Treated by Belladonna;" "Sloughing of Cornea from Paralysis of Trigeminus;" "On Optic Neuritis;" "Intra-Ocular Tumors;" "Sympathetic Irritation," and, with Dr. S. Stricker, "Versuche über Hornhaut-Entzündung;" the latter published in Vienna.

ABERNATHY, JESSE JONES, Nashville, Tenn., was born in Sussex co., Va., Aug. 29th, 1817. His parents were Jesse Abernathy and Rebecca (Jackson) Abernathy. He was never a student in a literary college; but partly in Virginia and partly in Tennessee, the time of his boyhood and youth was divided between farm labor and the acquisition of a moderate education in the English language, and the mathematical branches. In Jan., 1838, he began the study of medicine under Dr. R. G. P. White, of Pulaski, Tenn. In the fall of 1839 he matriculated in the med. dep't of the univ. of Pa. In the spring and summer of 1840 he attended a course of medical lectures at the Locust street institute, and had private instruction from Drs. Mütter and Morris from the spring of 1840 to that of 1841. He graduated in the univ. of Pa. in 1841, and in June of that year settled in Murfreesboro', Tenn. In 1856 he removed to Franklin co., Tenn.; in 1860 to Nashville, Tenn., to take the chair of theory and practice of medicine, tendered him in Shelby med. coll.; but returned to Franklin

co., at the close of 1861. He again moved to Nashville in 1877, to accept the chair of nervous diseases and clinical medicine, in Nashville med. coll. He became a member of Rutherford co. med. soc. in 1846, elected president thereof in 1848; of Tenn. med. soc. in 1850, elected treasurer in 1852. This society was reorganized under the name of "Medical Society of the State of Tennessee" in April, 1876, and he was elected president; in the same year he was elected president of the med. soc. of Franklin co., Tenn. He is a member of Nashville med. soc. He is the author of an essay on "Tetanus," read before the Tenn. med. soc., May, 1852; of a "Peculiar Form of Intestinal Obstruction, with Cases," read before the same, 1861; of "Some Effects of Diet on Parturition," before the same, 1873; and of an "Essay on the Best Methods of Preventing Tuberculosis," read before the med. soc. of the State of Tenn., April, 1877. He married Mary Moore Murfree, of Murfreesboro', in Oct., 1843. She died in April, 1853, and in 1855 he married Mrs. Susan E. Williams, *née* Sumner, the daughter of E. Sumner, of Davidson co., Tennessee.

EVE, DUNCAN, Nashville, Tenn., son of Dr. Paul F. and Sarah Ann (Duncan) Eve, was born in Augusta, Ga., May 1st, 1852. His professional education was received at the Bellevue hosp. med. coll., whence he was graduated M. D. in 1873. In 1875 he was elected prof. of practical microscopy in the Tenn. coll. of pharmacy, and in 1877 was elected prof. of operative and clinical surgery in the Nashville med. coll. He is a member and permanent secretary of the Tenn. State med. soc.; is surg. to the N. C. & St. Louis railroad co., and surg. to the Tenn. State prison.

KNAPP, HERMAN, New York, was born at Dauborn, Prussia, March 17th, 1832. His father, John Knapp, was formerly a member of the Prussian House of Representatives and the German Reichstag. He was educated at the coll. of Weilburg, Prussia, till he was nineteen years old, completing his education by studying in the univs. of Munich, Würzburg, Berlin, Leipzig, Zürich, Vienna, Paris, London, Utrecht and Heidelberg, until he was twenty-eight years of age. He graduated at Giessen in 1854, and settling in Heidelberg was appointed lecturer in the university in 1860, and prof. of ophthal. in 1865. In 1868 he resigned both these positions and coming to this country, settled in New York city. He is a member of the Am. ophthal., the New York co. med., and the N. Y. patholog. socs.—being president of the latter in 1874—also member of the N. Y. acad. of med.; founded in 1869, and is now surgeon of, the N.Y. ophthalmic and aural institute, a hospital and school for the treatment and study of eye and ear diseases; started, and is now editor of, the *Archives of Ophthalmology and Otology*, a purely scientific journal, published in German and English (W. Wood & Co., N. Y.), and of which five largely illustrated volumes, in each of these languages, have appeared. He is also the author of numerous ophthalmological papers which have appeared in *Graefe's Archives*, *Zehender's Klin. Monatsbl.*, the *Anneles d' Oculistique*, and the *Archives of Ophthalmology and Otology*, and some otological papers in the last-named journal. His contributions to medical literature which have appeared in book form are "The Curvature of the Human Cornea," Heidelberg, 1859; "On Hospitals in General, and Ophthalmic Institutions in Particular," Heidelberg, 1866; "The Intra-Ocular Tumors," with 16 plates, Carlsruhe, 1869, and translated into English the same year. He was appointed, in 1873, ophthalmic surg. to the N. Y. charity hosp., a position he resigned in 1874, and in the same year was made consulting oculist for the several institutions of the dep't of public charities and correction; also in 1876 appointed lecturer on eye and ear diseases in the Spring Faculty of the coll. of physicians and surgeons, N. Y. He married in 1864, in Germany, but lost his wife by an accident, in 1872, in New York city.

ADAMS, JOHN SMALLEY, Oakland, Cal., son of Lemuel and Sally (Smalley) Adams—the former a descendant of Samuel Adams, of Massachusetts—was born at Highgate, Vt., Dec. 24th, 1830. His professional education was received at Albany med. coll., whence he was graduated M. D., Dec. 24th, 1855, and early in the ensuing year he established himself at Troy, N. Y. In 1859 broken health compelled the temporary abandonment of his profession, and as a sanitary measure, in 1863, he removed to California. Having recovered his strength, he took up his residence in the Napa valley and resumed practice in April, 1863, continuing actively engaged until 1874, when his health again gave way. Recovery followed upon a visit to Europe—during which he continued his professional studies in the leading hospitals of Great Britain, and returning to America, he finally established himself in Nov., 1874, at Oakland. In the course of his practice he has performed various of the capital surgical operations. He is a member of the Alameda co. med. soc.,

and of the Cal. State med. soc. Of his professional publications the most important is a paper upon "Freezing for Sciatica," published in the *Pacific Medical and Surgical Journal*, July, 1870, in which attention was drawn for the first time to this method of treatment. He married, June 19th, 1856, Ellen, daughter of Clark Tompkins, Esq., of Troy, N. Y.

BARTHOLOW, ROBERTS, Cincinnati, Ohio. He was born in Harford co., Md., Nov. 18th, 1831. His ancestry on his father's side came from Alsace, and on his mother's from England. He was educated at Calvert coll., Md., and is a graduate in arts of this institution. He pursued his medical education at the univ. of Md., whence he graduated Doctor in Medicine in March, 1852. He entered the med. staff of the regular army soon after obtaining his med. degree, and served until 1864, when he resigned to enter civil medical practice. He decided to establish himself at Cincinnati, having been offered a professorship in the med. coll. of Ohio. He has been connected with this med. school ever since, and is now prof. of the theory and prac. of med., and of clin. med., and dean of the faculty. During the war he had charge of general hosps. in Baltimore, Washington, Fort Schuyler, Chattanooga and Nashville. His army life previous to the war had been spent in Kansas, Utah, New Mexico and Minnesota. He is a member of various med. socs., as follows: the Am. med. asso.; the Ohio State med. soc.; the N. Y. neurological soc.; the acad. of medicine of Cincinnati, etc. He is author of work on "Enlisting and Discharging Soldiers, the Official Authority of the War Department;" of four prize essays on various medical topics; of a "Manual of Hypodermic Medication," which has passed through two editions; of a treatise on "Spermatorrhœa," which has passed through three editions; and of a treatise on "Materia Medica and Therapeutics," which has just been issued.

IRWIN, CRAWFORD, Hollidaysburg, Pa., descended from Scotch-Irish ancestors, who immigrated to this country about the middle of the last century, was born in Blair co. (then a part of Huntingdon co.), Pa., April 20th, 1824. Having been graduated A. B. from Jefferson coll., Cannonsburg, in 1844, he read medicine under Dr. J. A. Landis, of Hollidaysburg; entered Jefferson med. coll., and was graduated thence M. D. in 1847. After practising for a few months at Davidsburg, Blair co., and at Johnstown, Cambria co., and for nearly five years at Frankstown, Blair co., he established himself, in Jan., 1854, at Hollidaysburg. He is a member of the Blair co. med. soc., has filled each of the several offices; of the Juniata Valley med. asso.; and of the Pa. State med. soc., president from June, 1875, to June, 1876. He has been for eight years phys. to the Blair co. almshouse; has been for several years and is at present (1877) phys. to the county prison; was during the late war ass't surg. in provost-marshal's office for one year, and was for two years examining surg. to the U. S. pension bureau. He was married, Nov. 30th, 1853, to Susan F., daughter of Rev. David McKinney, D. D., then of Philadelphia, now of Pittsburgh, Pa.

TRADER, JAMES LINDSAY, Perryopolis, Fayette co., Pa., of English-German descent, was born near Uniontown, Pa., June 9th, 1846. He read medicine for two years under Dr. Smith Fuller, of Uniontown; attended lectures at Jefferson med. coll.; was graduated thence M. D. in 1871; practised in Uniontown until June, 1876, and since that date has been established at Perryopolis. He is a member of the Fayette co. med. soc., treasurer in 1875–76, and delegate thence in 1877 to the annual convention of the Pa. State med. soc. He was coroner of Fayette co.

LYSTER, HENRY FRANCIS, Detroit, Mich., son of Rev. W. N. Lyster, A. B. (Dublin univ.), and Ellen E. (Cooper) Lyster, was born at Sanders Court, county of Wexford, Ireland, Nov. 8th, 1837. He was educated at the univ. of Mich., where he received his degrees of A. B. and A. M. He pursued his medical studies in the med. dep't of the same institution, graduating M. D. in June, 1860, settling first at Leoni, Jackson co., Mich., then at Brooklyn, in the same county, and finally establishing himself, after his army service, at Detroit, Jan. 1st, 1866. He is a member of the State board of health of Mich.; of the Wayne co. med. soc.; of the Detroit med. library asso.; of the Mich. State med. soc., and of the Am. med. asso. He has at various times contributed articles to the *Chicago Medical Examiner*, the *American Journal of Medical Sciences*, to the Transactions of the Michigan State Medical Society, and to the United States Army Medical and Surgical History of the Rebellion. He also for some time acted as editor of the *Peninsular Journal of Medicine* (1873—1875). He held the professorship of surgery in the univ. of Michigan in 1868 and 1869. During the war of the rebellion he acted as ass't surg. to the 2d Mich. infantry, surg to the 5th Mich. infantry, med. inspector of the 3d corps, army

of the Potomac, and acting med. director of the 3d corps, army of the Potomac Jan. 30th, 1867, he married Winnifred Lee, daughter of the late Capt. Thomas L. Brent, U. S. A.

MURFREE, JAMES BRICKELL, Murfreesboro', Tenn., of Irish-French descent, was born at Murfreesboro', Sept. 16th, 1835. Having received his preparatory education at Irving coll., and at Union univ., Murfreesboro', graduating A. M. from the latter, he attended one course of lectures in the med. dep't of the univ. of Nashville, and two courses at Jefferson med. coll., and in March, 1859, received from the last-named institution his degree of M. D. Upon graduating in medicine he established himself in Murfreesboro', engaging in a general practice, but giving especial attention to surgery; has performed various capital operations. He is a member of the Rutherford co. med. soc., secretary since 1865; of the Tenn. State med. soc., president in 1874, and of the Am. med. asso. Of his professional publications may be mentioned papers upon "Blood-Letting," "Diphtheria," "Cholera," and "Syphilis;" reports of a case of lumbar abscess and of amputation at hip-joint, and an address before the Tennessee State medical society on "Conservative Medicine." In May, 1861, he enlisted in the Confederate States army; was appointed ass't surg. in the same year; was promoted to be surg., in July, 1862, and in the latter capacity served during the remainder of the war. He married, Jan. 14th, 1862, Ada J., daughter of Major P. C. Talley, of Readyville, Tenn.

WATSON, WILLIAM, Dubuque, Ia., son of Joseph and Ann (Metcalfe) Watson, who came to this country in 1827 and settled in Middletown, Conn., was born in Leeds, England, May 14th, 1826. The family removed to Onondaga, N. Y., in 1830, and he obtained his early education in the schools in that vicinity. In 1845 he removed to Wisconsin, and in the spring of 1849 he began the study of medicine at Beloit, Wis., under Dr. Asahel Clark, studied at the Rush med. coll. in 1852 and 1854, and graduated in Feb., 1854. He commenced practice in May, 1852, at McGregor, Ia.; in 1853 he returned to Chicago, but in 1854 finally settled in Dubuque. The winter of 1865 and 1866 was spent at Bellevue hosp. and at the coll. of physicians in New York. He is a member of the Dubuque med. soc., elected in 1854, and has been twice its president; was a delegate to the Am. med. asso. in 1857, 1859 and 1876; is an active member of the Iowa State med. asso., elected in 1859, and was its president in 1867; and was member of the international congress, held in Philadelphia in 1876. During the war he held the position of surg. of the 11th Ia. infantry, subsequently that of ass't surg. of vols., and was assigned to duty at Memphis; subsequently promoted to surg.; was placed in charge of Jackson hosp., and after a brief stay at Louisville, Ky., was sent to Rock Island, Ill., as surgeon in charge, and where he remained until the close of the war. In Nov., 1860, he married Lucy Giddings, daughter of Jacob Giddings, Esq., of Portland. She died in 1862. In Sept., 1868, he married Lucy L. Conkey, of Dubuque.

BOYD, JAMES P., Jr., Albany, N. Y., was born in Albany, Feb. 23d, 1847. He is a son of Dr. James P. Boyd, of Albany. He was educated at the Albany acad., and Princeton coll., N. J., at which last he graduated in 1867; studied medicine at the coll. of physicians and surgeons of N. Y., from which he graduated in 1871, spending that year and the following one in Vienna, Berlin and Heidelberg. He settled as a practitioner in his native city, in 1873. He is a member of the Albany co. med. soc. In April, 1876, he was chosen prof. of obstetrics and diseases of women and children in the Albany med. coll. He is attending phys. to the city hosp., St. Peter's hosp., and the Nursery hosp.

MASSEY, ISAAC, West Chester, Pa., son of John and Jemima (Garrett) Massey, was born at West Goshen, Chester co., Pa., Feb. 15th, 1838. He was educated at Ercildown and Treemount seminaries, Norristown; was teacher of higher mathematics in Mrs. F. Myers' Am. acad., West Chester, during the years 1860–61–62. He pursued his medical studies at the Jefferson med. coll., Philadelphia, whence he graduated M. D. in March, 1864. He settled in West Chester. He is a member of the Chester co. med. soc. He was ass't surg. in the army for about eighteen months during the war, and during 1864 and 1865 he was attached to the regular army in Washington Territory. In 1866 he married Mary A., daughter of D. B. Hinman, Esq., of Philadelphia.

LEONARD, CHARLES HENRY, Providence, R. I., son of Manning Leonard, of Southbridge, Mass., grandson of Rev. Zenas L. Leonard, of Sturbridge, Mass., of the Raynham and Bridgewater Leonards, of King Philip's time, was born in Madison, Ind., Dec. 29th, 1841. He received his early education at Southbridge high school and Williston seminary, Easthampton; his literary

and classical education at Yale coll., and pursued his medical studies at the coll. of physicians and surgeons, New York, graduating M. D. in March, 1868. He passed a year and a half at the Charity hosp., Blackwell's island, and then settled in Providence. He is a member of the R. I. med. soc.; of the Providence med. and the Am. public health assos. He is admitting phys. of R. I. hosp., a coroner's phys. of Providence, and phys. to the Providence reform school. During parts of 1862 and 1863 he served as a private in the 45th Mass. vols. In June, 1872, he married Mary Grace, daughter of Smith Beecher, Esq., of Southbridge, Mass.

LARRISON, GEORGE H., Lambertville, N. J., son of Benjamin Larrison, whose three sons—George H., C. W., and Andrew B. Larrison—were all physicians, was born in Delaware township, Hunterdon co., N. J., Jan. 4th, 1831. He received his classical education at the univ. of Lewisburg, Pa., studied medicine with the Hon. Samuel Lilly, M. D., and at the univ. of Pa., graduating M. D. from the latter in 1858. He first settled in Dolington, Bucks co., Pa., but in the following year removed to Lambertville, where he entered into general practice, but devoted himself especially to obstetrics. He is a fellow of the State med soc. of N. J., was its president in 1875; and of the Hunterdon co. med. soc., is now its vice-president. Among his contributions to medical literature may be noted a paper read before the med. soc. of N. J. in 1873, on "Diseases Prevalent in the Valley of the Delaware." For five years he has held the position of city councilman of Lambertville; is city sup't of public schools, a position which he has held for fifteen years in succession by re-election, and is one of the coroners of the county of Hunterdon. He has been an active militia man of the State, having held commissions from a second lieutenancy to a brigadier-generalship, and is now surg. of the 7th reg. N. G. of N. J. In 1859 he married Sarah Q., daughter of C. F. Fisher, Esq., of Ringoes, New Jersey.

THOMAS, DANIEL G., Utica, N. Y., son of James Thomas, was born in Dutchess co., N. Y., near Poughkeepsie, Oct. 24th, 1806. Having read medicine under Drs. Peck and Clark, of Whitesboro', N. Y., and having attended one course of lectures at Fairfield med. coll., he practised for a year at Litchfield, Herkimer co., N. Y., and in 1831 removed thence to New Hartford, Oneida co. In the winter of 1836–37 he attended a second course of lectures at Jefferson med. coll., and from that institution received his degree of M. D. From May, 1837, to May, 1849, he practised at Whitesboro', Oneida co., and since the latter date has been established at Utica. Of his notable surgical cases may be mentioned four operations—three successful—of ovariotomy. In 1832 he was elected a member of the Oneida co. med. soc.; was secretary from 1836 to 1850, president in 1850, treasurer from 1859 to 1866, and president again in 1866. He is also a permanent member of the N. Y. State med. soc., and of the Am. med. asso. His professional publications have included papers upon "Cerebro-Spinal Meningitis;" "Founding and Development of the First Hospitals in the United States," published in the *Journal of Insanity*, and in pamphlet form; "On Injections of Ovarian Cysts by Iodine;" sundry biographical sketches of eminent physicians, deceased, and his address at the semi-centennial anniversary of the Oneida co. med. soc., most all published in the Transactions of the New York State Medical Society. He married in Feb., 1833; has two daughters and one son, a physician.

PUTNAM, CHARLES PICKERING, Boston, Mass., was born in Boston, Sept. 15th, 1844. He was graduated at Harvard coll. in 1865, and received his medical education in the med. dep't of Harvard univ., whence he graduated M. D. in 1869. He is a member of the Mass. med. soc., and of the Boston socs. for med. improvement and med. observation.

PUTNAM, JAMES JACKSON, Boston, Mass., was born in Boston, Oct. 3d, 1846. He was graduated at Harvard coll. in 1866, pursued his medical studies in the med. dep't of Harvard univ., graduating thence in 1870 and settling in Boston. He is a member of the Mass. med. soc.; of the Boston soc. for med. imp. and med. observation; and of the soc. of med. sciences, is secretary of the last named.

MAXWELL, ARCHIBALD STEPHEN, Davenport, Ia., was born near New Philadelphia, O., June 22d, 1818. His father, John Maxwell, was a captain, and his father, James Maxwell, of York co., Pa., was a quartermaster in the revolution, of direct Scotch descent. His mother was Ruth (Cyphord) Maxwell, of Elizabethtown, N. J., of Dutch descent. He obtained a thorough academical education at Ashland, O., and his medical studies were pursued in the med. dep't coll., Western Reserve, where he graduated in March, 1847, settling in Berlin,

Holmes co., O. He removed to Davenport in April, 1855, where he entered actively in general practice, making a specialty of surgery and the diseases of females. He is a member of the Am. med. asso.; of the Iowa and Illinois central med. asso., president in 1872; of the Scott co. med. asso., president in 1866; and member of the Mercy hosp. board, president in 1870. He has written a treatise on the "Influence of Placental Attachment on the Position, Presentation, and Parturient Effort;" on the "Cholera in Davenport in 1873;" on "Hypodermic Medication;" on the "Effects of Hot Water in Cholera, Cholera Morbus, and Gastric Troubles." During sessions of 1863–64 he was prof. of physiol. and pathol. in the coll. of physicians and surgeons in Keokuk, Iowa; and from Feb., 1862, to Jan., 1865, was surgeon at large for the State of Iowa. He was president of the city school board, and of the State sanitary commission. In 1839 and 1841 he edited a Democratic paper in Mansfield, Ohio; and in 1848 declined a nomination to the State senate, and in 1853 declined a nomination to Congress by the electors of the 13th district, because he was opposed to the platform for the extension of slavery adopted by the convention. In Feb., 1846, he married Charlotte S., daughter of William Hough, of York, Pa.

SMITH, HENRY YALE, Philadelphia, was born in Ballimony, county Antrim, Ireland, Sept. 23d, 1824. Having received his preliminary education in the public schools of New Jersey and Philadelphia, he entered the Franklin med. coll. and was graduated thence M. D. in 1847. In the same year he established himself as a general practitioner in Philadelphia. In 1848 he assisted in founding the Moyamensing dispensary, and was physician to that charity during the ensuing two years; in 1849 was appointed by the Philadelphia board of health physician to the Moyamensing district cholera hosp., holding the position during the prevalence of the epidemic; and in 1856 was elected chief physician to the Philadelphia co. prison, an office which he has now filled for a period of twenty-one years. He was one of the founders of the Philadelphia co. med. soc. in 1848, and was for more than fifteen years subsequently amember of that body; was a member of the Southern med. soc. of Philadelphia, president in 1866 and 1867; and of the Am. med. asso. Of his more important professional publications may be mentioned: "Asiatic Cholera and its Treatment," *Buffalo Medical Journal*, vol. v., 1850; "Mania-potu and its Treatment," *Philadelphia Medical and Surgical Journal;* "Treatment of Puerperal Convulsions," *ibid.;* "Typhus Fever, as it appeared at the Philadelphia County Prison during 1864 and 1867," *ibid.*, and also published in the reports of the prison for those years. He has served for several years as a school director, and from 1860 to 1867 was a member of the board of direction of Girard college. Since 1872 he has been medical examiner for Philadelphia to the Globe life insurance company. He married, May 8th, 1856, Ellen Louisa, daughter of George Shetzline, Esq., of Philadelphia, Pa.

MACKIE, JOHN HOWELL, New Bedford, Mass.—son of Dr. Andrew and H. Amelia (Bradford) Mackie, of New Bedford; his father a son of Dr. Andrew Mackie, of Wareham, Mass., and a grandson of Dr. John Mackie, of Southampton, Long Island; his mother a lineal descendant of Gov. Bradford—was born at Plymouth, Mass., Aug. 24th, 1826. Educated at private schools, under a private tutor and at the Jefferson med. coll., he graduated M. D. in 1850, and in the same year established himself in practice in New Bedford, paying especial attention to surgery and obstetrics. Of the Mass. med. soc., of which he has been a member since 1850, he has for many years been a councillor, and in 1876 was anniversary chairman; also has represented the Mass. med. soc. as delegate at the annual meetings of the R. I. and Conn. med. socs. He is also a member, and was president in 1863 and 1864, of the Bristol south district med. soc.; permanent member of the Am. med. asso., and was in 1876 a delegate to the International med. congress at Philadelphia. In 1875 he received the honorary degree of A. M. from Dartmouth coll. For several years he was city physician of New Bedford, and is at present (1877) consult. surg. to St. Joseph's hosp. During the late war he was, in 1861–62, acting surg. U. S. navy, and in 1863–64–65 acting ass't surg. U. S. army, being during the latter period in charge of various hospitals. Since 1862 he has been pension examining surgeon. In 1868–69–70–71 he was a member of the New Bedford city council. He married, Jan. 1st, 1860, Alice Weston, daughter of Henry Tobey, Esq., of Falmouth, Mass.

HODGE, HUGH LENOX, Philadelphia, was born in Philadelphia, July 30th, 1836, his parents being the late Prof. Hugh L. and Margaret (Aspinwall) Hodge; his family, resident in this country since 1730, being of Scotch-Irish, English, Welsh and Huguenot descent. Educated at private schools and at the univ. of Pa., he graduated A. B. in 1855, and A. M. and M. D. in 1858,

being for two years subsequent to the latter date res. phys. at the Pa. hosp. In 1860 he entered upon a general practice, which in process of time he has restricted to surgery and diseases of women. A year later he was appointed demonstrator of surgery to, and chief of the surgical clinic and dispensary of, the univ. of Pa., and in 1870 was appointed demonstrator of anatomy to the same institution. Previous to this appointment he was eminently successful as a lecturer to private classes in operative surgery. He was appointed surgeon to the children's hosp. in 1864; to the Presbyterian hosp. upon its opening in 1872, and is consulting surgeon to several other equally prominent charitable institutions. He is a member of the Am. med. asso.; Philadelphia co. med., obstet. and pathol. socs. (being at present president of the latter); and a fellow of the coll. of phys. He has contributed freely to medical literature, some of his more important papers being: "Metallic Sutures," "Tracheotomy in Cases of Pseudo-Membranous Croup," "The Drainage of Abscesses and Wounds by Solid Metallic Probes," "Deformities of the Hip," "Excisions of the Hip, of the Knee, of the Elbow, and of the Wrist," "Ovariotomy and a New Form of Trocar for the Evacuation of Ovarian and other Abdominal Fluids," "The Construction, Ventilation and Hygienic Management of Anatomical Rooms," etc., etc. During the war he was one of the surgeons to the U. S. Satterlee hosp., Philadelphia; was also attached to the Pa. reserve corps of surgeons, and was pension surgeon to the U. S. sanitary commission. Besides his hospital service, he rendered valuable service in the field, at Yorktown, White House, Harrisonburg and Chambersburg, Fredericksburg and Gettysburg. He was married, Jan. 7th, 1869, to Harriet Roosevelt, daughter of Charles W. Woolsey, Esq., of New York.

LUSK, WILLIAM T., New York, was born at Norwich, Conn., May 23d, 1838. Entered class of 1859 in Yale, but left on completion of freshman term (honorary A. M. in 1872). He studied medicine for three years in Heidelberg and Berlin (1858 to 1861); returned to America and attended lectures at the Bellevue hosp. med. coll.; graduated thence M. D. in 1864; subsequently spent a year and a half in study in Edinburgh, Paris, Vienna and Prague; and in 1865 established himself in practice in New York. He is a member of the New York co. med. soc.; fellow of the New York acad. of med.; member of the New York obstetrical soc., vice-president in 1875; member of the Am. gynæcol. soc., and a corresponding fellow of the Edinburgh and London obstetrical societies. From 1868 to 1871 he was prof. of physiology in the Long Island coll. hosp.; in 1870–71 lecturer on physiology in Harvard med. school; visiting physician to nursery and children's hosps., 1870–71; visiting physician to Charity hosp., 1870–71; prof. of obstetrics, diseases of women, diseases of infants, and clinical midwifery in Bellevue hosp. med. coll., 1871; visiting physician Bellevue hosp., 1871; and editor in 1871 of the *New York Medical Journal*. Of his numerous articles in this and other periodicals may be mentioned: on the "Histological Doctrines of M. Robin," vol. iv., pp. 241, 321, 400; "Uræmia a Common Cause of Death in Uterine Cancer," vol. v., p. 205; "Inquiry into the Pathology of Uterine Cancer," vol. ix., p. 561; "Irregular Uterine Action during Labor," vol. xvii., p. 561; "Clinical Report of the Lying-in Service at Bellevue hosp. for the year 1873," vol. xx., p. 158; on the "Origin of Diabetes, with Some New Experiments Regarding the Glycogenic Function of the Liver," vol. xi., p. 506; the "Cephalotribe and Cephalotripsy," *Philadelphia Medical and Surgical Reporter*, June 8th, 1867; the "Genesis of an Epidemic of Puerperal Fever," *American Journal of Obstetrics*, Nov., 1873; "Morphia in Child-Birth," *ibid.*, July, 1877; "Nature, Causes, and Prevention of Puerperal Fever," Transactions of International med. congress, 1876; on the "Necessity of Caution in the Employment of Chloroform during Labor," American Gynæcological Transactions, 1877. In 1867 he published a description of a new cephalotribe weighing less than two pounds. In 1861–62–63 he served in the U. S. vol. army, beginning as private in the ranks, and being successively commissioned second lieutenant, first lieutenant, captain, and assistant adjutant-general.

MOREHOUSE, GEORGE READ, Philadelphia, born in Mount Holly, N. J., March 25th, 1829, is the son of the Rev. George Y. Morehouse, of the Protestant Episcopal Church, and Martha Read, descendants respectively of Colonel Andrew Morehouse and Major Z. Rossell, of the revolution. He graduated at the college of New Jersey in 1848, receiving the degree of A. M. in 1851, in which year he also graduated in medicine, having studied in the Jefferson med. coll. and the univ. of Pa. He settled permanently in Philadelphia, where he is a member of the Am. philosophical soc.; the county med. soc.; the coll. of physicians; the acad. of natural sciences; the pathol. soc.; and the biological soc. He is the author of "Respiration in Chelonians," Smithsonian

Institute, 1858; of "Reflex Paralysis as the Result of Gunshot Wounds;" "Malingering, Especially in Regard to the Simulation of Disorders of the Nervous System;" "Gunshot Wounds and other Injuries of the Nerves," Philadelphia, J. B. Lippincott & Co., 1864; and of papers on "Laryngo-Tracheotomy;" "Use of Atropine in Prolapsus of the Iris," etc., etc. From 1862 to 1865 he was acting ass't surg. in charge of the special hospitals for nervous diseases, in Christian street and Turner's lane. He is phys. to St. Joseph's hosp., and a successful practitioner, with a large practice.

LE CONTE, JOSEPH, Oakland, Cal., was born, Feb. 26th, 1823, in Liberty co., Ga., his father being Lewis Le Conte, a descendant of Wm. Le Conte, a Huguenot, who left Rouen on the revocation of the edict of Nantes in 1685, going to Martinique, and subsequently settling on Staten Island, N. Y. After receiving a preliminary training in the schools of his native county he was educated in Franklin coll., univ. of Ga., A. B., 1841, and A. M., 1845; coll. of physicians and surgeons, New York, M. D. in 1845; Lawrenceville scientific school, Cambridge, Mass., B. S. in 1851. After practising his profession for three years at Macon, Ga., he became a student in organic science and geology under Prof. Agassiz in 1850–51, since which time he has been a prof. of these sciences. He has served as prof. of geology and natural history in the univ. of Ga., 1852–57; prof. of geology and chemistry, and prof. of chemistry in the med. dep't of the univ. of S. C. in 1857–69; and since 1869 prof. of geology and natural history in the univ. of Cal. He is a member of the Macon med. soc., and hon. member of the Alameda co. (Cal.) and Cal. and S. C. State med. socs. He is also a fellow of the Am. philosophical soc., and member of the Cal. acad. of science, National acad. of science, Am. acad. of science and arts (Boston), and the New York acad. of science. He is the author of many papers of interest, among which are those "On Science of Medicine and the Causes which have Retarded its Progress," *Southern Medical and Surgical Journal*, 1850; "Law of Sexes, Review of M. Thury," *Nashville Journal of Medicine and Surgery*, 1866; "Correlation of Physical, Chemical and Vital Forces," *American Journal*, 1859, *London and Edinburgh Philosophical Magazine*, 1860, *Popular Science Monthly*, 1873; "A Volume on Science and Religion," 1874; "Relation of Instinct to Intelligence," *Popular Science Monthly*, 1875; and a series of articles on "Binocular Vision," in *American Journal, Philosophical Magazine*, and *Archives des Sciences*, from 1869 to 1875; also many papers on "Formation of Mountain Chains and on the Ancient Glaciers of the Sierra," in American journals, 1872–1876. During the late civil war he served as chemist of Confederate laboratory for the manufacture of medicines, 1862–63, and as chemist of nitre and mining bureau, 1864–65. He was married, Jan. 14th, 1847, to Caroline E., daughter of A. M. Nisbet, of Milledgeville, Ga.

WHITE, JAMES PLATT, Buffalo, N. Y., was born in Austerlitz, Columbia co., N. Y., March 14th, 1811. His father and grandfather served as soldiers in the early wars with Great Britain, the former in the war of 1812 and the latter in the revolutionary struggle. Through them he is a descendant of Peregrine White, the first male born in the Mayflower colony. He pursued his classical studies under the Rev. John C. Lord, and at Middlebury academy; attended lectures at Fairfield med. coll., 1831–32–33, and at the Jefferson med. coll., Philadelphia, graduating from the latter in March, 1834. Previous to his graduation, in 1832 and 1833, he had attended a number of patients during the cholera seasons in those years at Black Rock, but commenced professional practice immediately after graduating in 1834, in Buffalo. In 1846, assisted by Drs. Austin Flint and F. H. Hamilton, he procured a charter for the university of Buffalo, and organized a med. dep't therein. While his success as a general practitioner has been great, he has made obstetrics and the diseases of women his leading practice, and was the first in this country (in 1850) to teach midwifery clinically, a movement which at first met with great opposition, but from its intrinsic value and his determination he carried through to success. During the winter of 1870–71, by invitation of the faculty, he delivered the lectures in his department at the Bellevue hosp. med. coll., for Prof. George T. Elliott (at his own expense, giving all the fees to his sick fellow-professor) which the faculty resolved "were characterized by great learning, the practical knowledge derived from large experience, zealous exertions to render his instructions as useful as possible, and an efficiency showing peculiar ability and qualifications as a public teacher." In 1856 he reduced an inversion of the uterus of eight days, and in 1858 reduced chronic inversion of six months, and was the pioneer in taking the ground that chronic inversion can always be reduced. He has now reduced twelve cases and performed fifty-three operations for ovariotomy, being successful in seven cases in ten. He is

a member of the Am. med. asso., its first vice-president in 1877; of the N. Y. State med. soc., its president in 1870; hon. corres. member of the N. Y. acad. of med., and hon. member of the R. I. State med. soc.; has been twice president of the Erie co. med. soc., and the Buffalo med. asso.; and was one of the vice-presidents of the International med. congress, held in Philadelphia in 1876. His contributions to medical literature are on various subjects, and have appeared in the *Buffalo Medical Journal* during the last thirty years. Besides these he has contributed numerous papers to the Proceedings of the State Medical Society, and in July, 1858, published a full account of chronic inversion, etc., etc., with plates in the *American Journal of Medical Sciences*, and in 1874 the same in the same journal with a plate of repositor. He is prof. of obstet. in the med. dep't of the univ. of Buffalo, and president of the board of managers of the Buffalo State asylum for the insane, an institution which owes its existence and its position entirely to him. During the war he visited Memphis and inspected the hospitals there, and after the battle of Seven Oaks went to the peninsula, to assist in caring for the sick and wounded. In neither of these visits was he in an official capacity, his expenses being borne by himself. He is a prominent member of the Episcopal church, and was chiefly instrumental in organizing St. John's parish, Buffalo, and in procuring funds for the erection of its church. He is president of the church charity foundation of the Protestant Episcopal church of the city of Buffalo. In Dec., 1836, he married Mary Elizabeth, daughter of Hon. Henry F. Penfield, of Canandaigua, N. Y.

LOCKRIDGE, JOHN EWING, Indianapolis, Ind., was born in Augusta co., Va., May 24th, 1830, of Scotch-Irish ancestry and American parentage. He received his classical education at Brownsburg and Mossy Creek academies in Va., and studied medicine at the med. coll. of Va., graduating thence M. D. in March, 1863. He located himself first in Mount Solon, Augusta co., Va., but subsequently removed to Indianapolis in 1876. He was a member of the Augusta co. acad. of medicine, and of the Va. med. soc. The following are his contributions to professional literature: a prize essay on "Diphtheria" in 1863; "Influence of Atmospheric Electricity on the Neurcses," *Richmond and Louisville Medical Journal*, Oct., 1871; "Functional and Semi-Organic Diseases of the Throat," *Georgia Medical Companion*, Aug., 1872; "Resorption of Fatty Tumors," *ibid.*, Dec., 1872; "Incapsulated Pleuritic Effusion," *Southern Medical Record*, Feb., 1873; "Cases of Diphtheritic Metritis and Acute Diabetes," *ibid.*, Oct., 1873; "Post-Partum Syncope," *American Medical Weekly*, Sept., 1875; "Cases of Tape Worm and one of Diabetes," *Richmond and Louisville Medical Journal*, Feb., 1876; "Diseases of the Pancreas," *American Practitioner*, Oct., 1876; "Remedy for Headache," *ibid.*, March, 1877; "Diabetes Mellitus," *American Medical Weekly*, Feb., 1875; "Case of Inflammation of Umbilicus from an Accumulation of Foreign Matter," *ibid.*, 1876; "On Cremation," etc., etc. He also held the position of associate editor of the *Georgia Medical Companion* and *Southern Medical Record*, from 1872 to 1875. In Aug., 1854, he was married to L. M. Coyner, daughter of Addison H. Coyner, Esq., of Augusta co., Virginia.

STILLÉ, ALFRED, Philadelphia, was born in that city in 1813. He graduated at the univ. of Pa., A. B. in 1832, and M. D. in 1836. In the same year he was elected res. phys. of the Philadelphia hosp. In 1839 he became res. phys. at the Pennsylvania hosp., and held the position until 1841. Between the date of graduation and 1839 he pursued his medical studies in Paris and other European capitals. From 1844 to 1850 he lectured on pathology and the practice of medicine to the Pa. asso. for med. instruction. In 1849 he was appointed phys. to St. Joseph's hosp. In 1854 he was elected prof. of the theory and practice of medicine in the Pa. med. coll., and filled the chair until 1859. On June 20th, 1864, he was chosen to occupy a similar chair in the univ. of Pa. This position he continues to hold. He was president of the Am. med. asso. in 1871, and of the Philadelphia co. med. soc. in 1862. From 1865 to 1871 he was physician and lecturer on clinical medicine in the Philadelphia hosp. The hon. degree of LL.D. was conferred on him by the Pa. coll., Gettysburg, in 1876. He is the author of numerous publications. In association with Dr. J. Forsyth Meigs, he translated "Pathological Hæmatology" from the French of G. Andral, 8vo., p. 129, Philadelphia, 1844. His other publications are: "Medical Instruction in the United States," 8vo., 1845; "Elements of General Pathology," 12mo., 1848; "Report on Medical Literature," 8vo., 1850; "Unity of Medicine," 8vo., 1856; "Humboldt's Life and Character," 8vo., 1859; "Therapeutics and Materia Medica," a systematic treatise on the action and use of medicinal agents, including their description and history, 2 vols., 8vo., 1860; second edition revised and enlarged, Nov., 1864; third edi-

tion, 1868; fourth edition, 1874, pp. 968 and 976; a translation of this work into German, by Prof. Oscar Lübreich, of the university of Berlin, is about to be published (1877); "War as an Instrument of Civilization," 8vo., 1862; "Epidemic Meningitis, or Cerebro-Spinal Meningitis," 8vo., pp. 178, 1867. Of his "Therapeutics and Materia Medica" the following commendations appeared: "Dr. Stillé's book deserves to be classed among the best and most practical treatises on therapeutics," *Archives Gen. de Med.*, Paris, June, 1860; "We recognize in Dr. Stillé the possession of many of those more distinguished qualifications which entitle him to approbation and which justify him in coming before his medical brethren as an instructor." *Edinburgh Medical Journal*, Sept., 1860. It was also highly commended by numerous other American and European journals. Respecting his "War," Dr. C. P. Krauth, Jr., wrote in 1862: "His address may be justly reckoned among the most thoughtful, finished, and valuable of their class." Alluding to his "Epidemic Meningitis," the *American Literary Gazette*, Dec. 15th, 1867, says: "This is a very valuable monograph upon a very interesting and fatal disease. It is ably and carefully written with large reference to the bibliography of the subject." Dr. Stillé contributed an essay on Dysentery to "Military-Medical and Surgical Essays," edited by W. A. Hammond, M. D., 8vo., 1864; and is the author of numerous reviews in the *American Journal of Medical Science*. In 1860 he published a new edition of "A Treatise on Medical Jurisprudence," by Drs. Francis Wharton and Moreton Stillé, issued in 1855, the medical part being revised and corrected with numerous additions.

MOSHER, JACOB S., Albany, N. Y., was born in Coeymans, Albany co., N. Y., March 19th, 1834. Entering Rutgers coll. in 1853, and graduating A. M. from that institution, he entered the Albany med. coll., and from the latter institution received his degree of M. D. in Dec., 1863. Early in the ensuing year he entered the U. S. service as volunteer surgeon, serving in the army of the Potomac before Petersburg; was subsequently made ass't State med. director for New York, on duty in Washington, and from 1869 to 1873, inclusive, was surg.-gen. of New York. Since graduating, he has been engaged in practice in Albany, except from 1870 to 1876, during which time he was deputy health officer of the port of New York, and at the end of his term of office he spent a short time in British and continental hospitals. He is a member of the Albany co. med. soc.; Albany institute, of which he was for several years secretary; N. Y. State med. soc.; N. Y. neurological soc.; a fellow of the N. Y. academy of medicine, and was in 1872 a delegate to the annual convention of the Am. med. asso. From 1863 to 1870 he was prof. of chemistry in the Albany acad.; from 1864 to 1870 prof. of chemistry and med. jurisprudence and also registrar and librarian in the Albany med. coll.; since 1876 prof. of med. jurisprudence and hygiene; from 1865 to 1868 was a member of the Albany board of public instruction; and since 1866 has been a member of the executive committee of the State normal school. He married, Dec. 30th, 1863, Emma S., daughter of the late Jesse Montgomery, Esq., of Albany.

WILLIAMS, PHILIP C., Baltimore, Md., son of Philip Williams, a prominent Virginia lawyer, and on his mother's side of Huguenot stock through the Maurys and Fontaines, was born near Middletown, Frederick co., Va., Aug. 15th, 1828. He was educated at the Winchester acad. in Va., attended medical lectures at the univ. of Md., and graduated M. D. at the univ. of Pa. in 1850. He spent the year subsequent to his graduation at the Philadelphia dispensary, for the purpose of acquiring a practical knowledge of drugs, and in 1851 went to Europe, where he spent two years in the hospitals of Paris, Berlin, and Vienna. In 1854 he established himself in Baltimore, Md. He is a permanent member of the Am. med. asso.; of the Baltimore med. asso., elected president in 1867; of the med. and chirurg. faculty of Md., president under its reorganization in 1871; was also president of the pathолog. soc. of Baltimore, and in 1875 president of the clin. soc. of Baltimore. He has published a lecture on the "Medical Uses of Gelseminum," and also a paper read before the medical and chirurgical faculty of Baltimore, on "The Hypodermic Injection of Ergot in Post-Partum Hemorrhage." For three years he was physician to the Baltimore general dispensary, and subsequently for the same period visiting physician of Baltimore city almshouse. He married in January, 1858, Mary, daughter of Dr. John Whitridge, of Baltimore.

KILPATRICK, ANDREW ROBERT, Navasota, Texas, son of the Rev. James Hall and Sarah (Tanner) Kilpatrick—the former of Scotch, the latter of French descent—was born near Cheneyville, Rapides parish, La., March 24th, 1817. Having received a liberal English education, he attended lectures in 1835–36 at Jefferson med.

coll., and in 1836–37 at the Georgia med. coll., receiving his degree of M. D. from the latter institution in March, 1837. In 1836 he received the Barton diploma in botany and toxicology at Jefferson. Until 1843 he practised in Avoyelles parish, La.; from 1843 to 1847 in Woodville, Miss.; from 1847 to 1863 in Concordia parish, La.; from 1863 to 1865 in Anderson co., Texas, and since 1866 in Navasota. When nineteen years old he successfully performed embryotomy unassisted; has frequently performed embryulica; has successfully treated an abdominal wound, in which the small bowel was cut, etc. He is at present a member of the Texas State med. soc., chairman of the section of public health and hygiene. Among his professional publications may be mentioned: "History of the Epidemic Yellow Fever in Woodville, Miss., 1844," in *New Orleans Medical Journal*, 1844-45; "Cholera in Louisiana, 1849–50," E. D. Fenner's "Southern Medical Reports," 1851; "Yellow Fever in Louisiana, 1855," *New Orleans Medical Journal*, 1856; "Cholera in Texas, 1866," *Texas Medical Journal*, 1867; "Yellow Fever in Texas, 1867," *ibid.*, 1868; "Indigenous Medical Resources of Texas," Transactions of the Medical Association, 1876. He is at present (1877) an associate editor of the *Southern Medical Record*, and of the *Texas Medical Journal*, and in 1870–71 was editor of the *Navasota Tablet*. In 1855 he was tendered but declined the chair of theory and practice in the Memphis med. coll.; in 1868–69 occupied the chair of anatomy in Texas med. coll. He has thrice married: last, Nov. 20th, 1854, Mary M., daughter of Joel T. Tucker, Esq., of St. Landry parish, La.

BULL, CHARLES STEDMAN, New York, was born in New York city, April 21st, 1844. Receiving his preparatory education at the French institute of Prof. Elie Charlier, New York, he graduated at Columbia coll. in 1864, and at once entered the coll. of physicians and surgeons, from which he graduated in Feb., 1868, serving before and after, eighteen months in Bellevue hosp., as junior and senior ass't, and as house phys. He settled in his native city, spending, however, two years in Europe, studying at Vienna under Prof. von Arlt, at Berlin under Prof. von Gräfe, and at Heidelberg, Paris, and London, devoting himself especially to ophthalmology, otology, and also to pathology, and with Stricker and Virchow. He is a member of the Am. med. asso.; the New York co. med. soc.; the New York Medical Journal Association; the New York ophthal. soc., of which he was secretary in 1873 and 1875; the Am. ophthal. soc.; the New York acad. of sciences; and the alumni asso. of Columbia coll., and of the coll. of physicians and surgeons; a fellow of the Am. geographical soc.; and was secretary of the fifth international congress of ophthalmology. His literary work consists mainly of papers on the following subjects: "Choroiditis following Cerebro-Spinal Meningitis," *American Journal of Medical Sciences*, Jan., 1873; "Strychnia in Amaurosis and Amblyopia," *ibid.*, April, 1873; "Retinal Hemorrhage in Diseases of the Brain, Heart and Kidneys," *ibid.*, July, 1874; "Lesions of the Optic Nerve and Pupil in Diseases of the Spinal Cord," *ibid.*, July, 1875; "Pathology and Therapeutics of Contused Wounds of the Eyeball," *ibid.*, Oct., 1876; "Rare Syphilitic Neuroses of the Eye," *ibid.*, Jan., 1877; "Influence of the Fifth Nerve in Iritis and Choroiditis," *New York Medical Record*, Aug. 19th, 1876; and "Symptomatology and Pathology of Intracranial Tumors," *Philadelphia Medical Times*, Jan. 9th and May 15th, 1875. In 1871 and 1872 he was pathologist to the Presbyterian hosp., phys. to the New York dispensary, and ass't surg. to the Manhattan eye and ear hosp., as also microscopist to the latter in 1874; ass't surg. to the New York eye infirmary from 1872 to 1876, and surg. since Nov., 1876; and is ophthalmic surg. to the Charity hosp. since 1874.

GADBURY, WILLIAM YOUNG, Yazoo City, Miss., son of William P. Gadbury, of Scotch-Irish descent, and of Juliet (Young) Gadbury, of English descent, was born near Greenville, S. C., July 4th, 1822. He was educated in private schools in South Carolina and Mississippi, and pursued his medical studies in the univ. of Louisville and also in the Charity hosp. of that city. He graduated M. D. in March, 1845, and commenced practice at Burton, Miss., where he remained for sixteen years. He subsequently removed to Yazoo City. His practice has been general, but surgery has been his specialty. He is a member of the Am. med. asso., its vice-president in 1873; and was the founder in 1856, and first president of the Miss. State med. asso. He has contributed to the literature of his profession articles on the "Treatment of Enlarged Spleen;" "Typhoid Fever;" "Inhalations of Sulphuric Ether in Capillary Bronchitis," and many others of minor importance. During his residence in Louisville he held the position of prof. of surgery in the Louisville med. coll. In 1862 he was appointed by the governor of Mississippi sup't in charge of hosps. for State troops in the southern dep't of the army.

He served as a Confederate surgeon during the civil war. In May, 1845, he married Helen B. Price, who died in 1857. In May, 1860, he married Sallie Q., daughter of Willis Thornton, of Kentucky.

WOODWORTH, JOHN MAYNARD, Washington, D. C., was born at Big Flats, Chemung co., N. Y., Aug. 15th, 1837. His parents shortly removed to Illinois. He pursued his literary and classical studies at Warrenville, Ill., seminary, and in the univ. of Chicago. He then studied pharmacy, subsequently engaged in business on his own account, at the same time attending lectures on materia medica and chemistry at the Rush med. coll. He subsequently began the regular study of medicine in that institution, and completed a course of qualitative and quantitative analysis under Prof. J. V. Z. Blaney. He graduated M. D. in 1862, at the Chicago med. coll. In 1865 he visited Europe, where he spent one year, chiefly in the hospitals of Berlin and Vienna, taking special courses of instruction in both these institutions. In 1866 he established himself in Chicago. He is a member of the Chicago med. soc.; of the State med. soc. of Ill.; of the Am. med., and Am. public health assos. (being one of the twelve sanitarians who organized the latter in 1872); of the Am. asso. for the advancement of science; the philosophical soc. of Washington, D. C.; corres. member of the Chicago acad. of sciences, and Philadelphia acad. of sciences; honorary member of the Kentucky State med. soc.; president of the alumni asso., Chicago med coll., in 1870; member of the State charities aid asso. of N. Y.; of the Centennial med. commission; of the military order of the loyal legion; and vice-president of the soc. of the army of the Tennessee. He is the author of "Primary Surgery of General Sherman's Campaigns, 1866;" "The Mystery of Life," an address, 1871; "Regulations of the United States Marine Hospital Service, 1873;" "Hospitals and Hospital Construction, 1873 and 1876;" "The Immigation Service of the United States, 1873;" "Cholera in 1873 in the United States." "Migrants and Sailors in their Relations to Public Health;" and "Safety of Ships and those who Travel in them," etc., etc., Transactions of American Public Health Association; and "Quarantine, with reference to Cholera and Yellow Fever," read before the International med. congress in 1876, in relation to which subject the six propositions submitted by Dr. Woodworth were adopted. He also issued the "Provisional Nomenclature of Diseases of the College of Physicians in London, in 1874," as the nosological standard, and adapted it for the use of the marine hosp. service. Beside these he is the author of the annual reports of that service, in which are contained very valuable contributions to practical hygiene and medicine. He took part in organizing the Chicago acad. of sciences, and in 1858 became the curator of its museum, to which he gave much of his time, making several excursions west of the Mississippi for the purpose of collecting specimens of natural history. In 1859 he was appointed naturalist to the university of Chicago, and commissioned to establish a museum of natural history. The winters of 1859, 1860 and 1861 he passed in the Smithsonian institution, working under the personal direction of Prof. Spencer F. Baird. In 1866 he was elected demons. of anat. in the Chicago med. coll. (he had previously declined the chair of physiology and histology in the same institution), and joined with it a course of lectures on comparative anatomy; and for one year filled the chair of natural history in the univ. of Chicago, during the absence of the incumbent. After graduating in 1862, he immediately entered active service in the army of the Union as ass't post surg. at camp Douglas, Ill., and shortly after was appointed ass't surg. of vol., and joined Gen. Sherman in the field near Corinth, remaining with his command until the Union armies were mustered out in 1865. In 1863 he was promoted to surgeon, and assigned to duty as medical inspector of the 15th army corps, and afterwards medical inspector and medical director of the army of the Tennessee. During the Atlanta campaign, he established field hospitals, for which he was complimented in general orders. On the "march to the sea," he took charge of one hundred men, moving them in ambulances, and although there were among the wounded three on whom amputation of the thigh had been performed, arrived at Savannah without the loss of a single life, the wounds having completely healed when that city was reached. He was brevetted lieut.-colonel for his services, which were so highly appreciated that he was the recipient of two communications, one from Major-General Logan and the other from Brevet Colonel and Surg. John Moore, U. S. army, approved by Gen. Sherman, in which reference is made to his patriotism, capability and energy, as well in a professional capacity as in the frequent performance of the duties, by no means obligatory, of aide-de-camp. In 1868 he was appointed surg. of the Soldiers' home, of Chicago, and sanitary inspector to the Chicago board of health. In 1871 he was appointed supervising surg.-general of the Marine hosp.

service of the U. S., a position he now holds, and immediately removed to Washington to assume charge of that service, which had been until that time, though in the seventy-third year of its existence, without any medical head. For six years he has labored to perfect the organization of that service by introducing systematic business methods of conducting its affairs. Instead of appointing medical officers solely on political grounds, candidates are now required to pass a satisfactory examination, and instead of the costly unsanitary hospital buildings of iron and stone, comparatively inexpensive pavilions are adopted. In April last, a large number of physicians of the city of New York, among whom were gentlemen at the very head of the profession, joined in a letter to him in which they warmly expressed the cordial appreciation with which they regarded the important work he had devoted himself to, and how much his investigations in marine and hospital hygiene had commended him to the favor of the medical profession. He married, June, 1873, Maggie C. Hannahs, of Chicago, Ill.

ROOSA, DANIEL BENNETT ST. JOHN, New York—descended from Dutch, French and English settlers in New York State, during the early part of the colonial period, and great-grandson of Isaac A. Roosa, an officer (captain) in the Continental army during the war of the revolution—was born at Bethel, Sullivan co., N. Y., April 4th, 1838. Educated at academies in Monticello, N. Y., and Honesdale, Pa., and under a private tutor in Boston, Mass. Entered Yale coll. in 1856, was dismissed on account of ill health, afterwards received the honorary degree of M. A. from this college. Took a special course in chemistry under Prof. John W. Draper in the univ. of the city, and was graduated in medicine from this institution in 1860. Subsequent to his graduation he was admitted by examination to the New York hosp. as junior walker, in the surgical division, and served in that capacity for eight months, and then as senior walker for five months, and as house surg. for eight months. For three months in 1861, he served in the field as ass't surg. of the 5th reg. National Guard of N. Y. On leaving the hosp. in 1862, he spent a year in study, especially of ophthalmology and otology in Berlin and Vienna, under Von Gräfe, Kramer, Arlt, and Jaeger. In the summer of 1863 he returned home and served in the field as surg. of the 12th reg. National Guard, N. Y., under the special call for thirty day troops, and established himself in practice in the autumn of 1863, at first in general practice, but in a year or two he devoted himself specially and exclusively to the treatment of diseases of the eye and ear. He has been prof. of ophthalmology and otology in the univ. of the city of New York since 1866, and has held the same chair in the univ. of Vt. for two years. He is a member and for two years was president of the Am. otological soc.; president of the International otological soc.; member of the Am. ophthalmological soc.; member of the New York co. med. soc.; corres. member of the medico-chirurgical soc. of Edinburgh, etc. With Drs. Hackley and Bull he has translated "Stellwag on the Eye;" has singly translated "Von Tröltsch on the Ear;" and is the author of a successful treatise on "The Ear," that has passed through three editions, as well as of the "Vest Pocket Medical Lexicon;" and in conjunction with Dr. E. T. Ely he wrote "Ophthalmic and Otic Memoranda." He married, May 8th, 1862, Mary Hoyt, daughter of Mr. Stephen M. Blake, of New York.

HUBBELL, CHARLES LYMAN, Troy, N. Y., was born in Williamstown, Mass., Sept. 16th, 1827, of Connecticut ancestry. He was educated at Williams coll., graduated in class of 1846, and pursued his medical education at the City hosp., Broadway, New York, Albany med. coll., and Berkshire med. coll., graduating in 1848. He first settled in Williamstown, but subsequently removed to Troy in 1854, where he entered into general practice, but making a specialty of surgery, in which he has performed a number of capital operations. He is a member of the Berkshire co. med., the Massachusetts State med., and the Rensselaer co. med. socs.; president of the last in 1874. He is the author of a pamphlet on "Medical Examination for Life Insurance," *Boston Medical and Surgical Journal*, vol. xciii.; "Successful Treatment of Empyema by Free Incision into the Chest, and Daily Washing Cavity;" besides other articles. He has been attending phys. and surg. for seven years to the Troy hosp., and is attending phys. and surg. to Marshall infirmary; also for eight years post surg. to Watervliet arsenal. He was surg. to the board of enrolment of the 15th congressional district, State of New York, from 1863 to the close of the war. Previous to that, in 1861 and 1862, he occupied the position of surg. to the Black Horse cavalry, and after they had disbanded to the 12th New York volunteers. In Sept., 1852, he married Juliette E., daughter of Gershom T. Bulkley, Esq., of Monroe, Mich. She died in June, 1876.

HAMILTON, FRANK HASTINGS, New York, was born in Wilmington, Vt., Sept. 10th, 1813. He graduated from the med. dep't of the univ. of Pa. in 1833, and settled first in Auburn, N. Y., removing in 1844 to Buffalo, and thence to New York city in 1862. He has labored most in surgery, in which his notable operations have been too numerous for separate mention here, and to the science and art of which he has made very important contributions. He has invented a "bone-drill," as also an apparatus for broken jaw, and invented or modified the apparatus for almost every fracture of long bones, with various instruments in military and general surgery, including the compound Nelaton's probe, light bullet forceps, strong bullet forceps, movable apparatus for fractures of thigh, bone forceps, serrated giant bone-cutter, the modified Liston's artery forceps, apparatus for double varus, hare-lip scissors, modification of Owen's tonsillotome, and a method of manipulating the body in asphyxia from drowning, besides modifying and rendering more precise the methods of amputation through the joints, by furnishing what he has termed "keys" and "guides" to the articulations, one of his most valuable contributions to surgery. He has been especially instrumental in introducing gutta percha as a splint where irregular joint surfaces require support, and was the first to employ gutta percha as an "interdental splint," as he was the first to make the operation of resection for simple *hallux valgas* where there was no disease of the joint, and the first also to cut away the central portion of the thyroid gland, an operation subsequently performed by Gibb, of London. He likewise has suggested and practised a safe method of cutting the sternal portion of the sterno-cleido-mastoid. On the subject of "Provisional Callus" he publicly controverted the views of Dupuytren, propounding doctrines which were original with him—although without his knowledge Paget had in fact advocated similar ones a short time before—and which are now generally accepted; in relation to "Resection in Compound Dislocations of Long Bones" he in 1860 or thereabouts announced views which are now received by Langenbeck and most German surgeons; and in the matter of closing old ulcers by the transplantation of new skin, both the English and the French surgeons have repeatedly ascribed to him the honor of having taken the first step. He has devoted a good deal of attention to plastic surgery, having practised rhinoplasty twenty or more times, and introduced a method of operating from the forehead by returning the pedicle, and having been, moreover, the first to operate from the palm of the hand. He has labored strenuously to impress upon surgeons the value of warm and hot water in the treatment of wounds, and in general has been not less effective in urging new methods than fertile in devising them. He is a member of the N. Y. State med. soc., of which he was president in 1855; of the New York pathological soc., of which he was president in 1866; of the New York acad. of med.; of the medico-legal soc., of which he was president in 1875 and in 1876; and an hon. member of various societies. He has published a treatise on "Military Surgery," now in its second edition; a treatise on "Fractures and Dislocations," which has reached its sixth edition, and has been translated into German at Göttingen; and a "General Treatise on Surgery," in its second edition, not to mention various other publications, comprising some valuable papers touching medical jurisprudence, especially one on "Prognosis in Fractures," published in the Transactions of the American Medical Association for 1855-56-57, and in those of the New York State Medical Society for 1855 and 1859; and one on the "Effect of a Sudden Loss of Consciousness on the Memory of Preceding Events," published in the *Sanitarian* for February, 1876. He was medical inspector in the U. S. army in 1863. In 1875 he resigned the professorship of surgery in the Bellevue med. coll., but still retains the position of visiting surg. to the Bellevue hosp., and is consulting surg. to St. Elizabeth's hosp., to the hosp. for the ruptured and crippled, and to various city dispensaries. He was married, in 1834, to Mary Virginia McMurran, of Virginia, and in 1840 to Mary Hart, daughter of Judge O. Hart, Oswego city.

GLISAN, RODNEY, Portland, Oregon, son of Samuel Glisan, was born at Linganone, Frederick co., Md., Jan. 29th, 1827. Having received an academical education, he entered the med. dep't of the univ. of Md., and was graduated thence M. D. in March, 1849. After practising for a year in Baltimore, he was appointed, May 2d, 1850, an ass't surg. in the U. S. army, and was for some time chief med. officer on the staff of Col. R. C. Buchanan during the Oregon Indian war of 1855-56. Resigning his commission in the spring of 1861, he practised for nearly a year in San Francisco, and in Jan., 1862, finally established himself in Portland. Among his notable cases may be mentioned amputations of the shoulder and thigh, the first performed upon the Pacific coast, north of California, and an operation for strangulated inguinal hernia. He is a member of the Multnomah co. med. soc., president in 1872

and in 1876; and of the Oregon State med. soc., president in 1875–76. He has contributed numerous articles to professional periodicals and is the author of a very readable book, entitled "Journal of Army Life," in which is a considerable amount of matter touching the climate and prevalent diseases of the southwest and northwest. He married, Dec. 3d, 1863, Elizabeth R., daughter of Capt. John H. Couch.

HATCH, FREDERICK WINSLOW, Sr., Sacramento, Cal., was born in Charlotteville, Va., March 2d, 1822, of American-English parentage. He is a graduate of the Union coll., N. Y., and of the med. dep't of the New York univ., of the latter in 1843. He settled first in Beloit, Wis., then in Kenosha, Wis., in 1846, and in Sacramento in 1851. He is a member of the Am. med. asso.; of the med. soc. of the State of Cal.; and of the Sacramento soc. for med. imp.—has been vice-president of the second-named, and president of the latter from 1868 to 1874. He is prof. of principles and practice of medicine in the med. dep't of the univ. of Cal., having previously held the chair of prof. of mat. med. in the same institution. He has contributed three papers on the "Climate of California" to the *New York Medical Journal;* two on "Climatology and Diseases of California" to the American Medical Association; one report on "Mineral Springs of California" to the State Medical Society; also sundry papers and addresses on medicine to the *Pacific Medical and Surgical Journal.* He is permanent secretary of the State board of health (Cal.), elected in 1876, and was president of the board of health for Sacramento, from 1862 to 1866.

JONES, WILLIAM W., Toledo, O., of a New England family, putative descendants of Captain Jones, of the "Mayflower," was born in Smyrna, Chenango co., N. Y., Sept. 28th, 1819. Graduating M. D., in March, 1849, from the med. dep't of the univ. of Buffalo, he established himself in the following April in Toledo, where he has since remained. He is a member of the Toledo med. asso., secretary in 1851, president in 1855; member of the Ohio State med. soc. (1849), president in 1875; member (since 1856) of the Am. med. asso.; and an hon. member of the Mich. State and N. E. Ind. med. socs., etc., etc. He has occasionally contributed papers and reports to professional periodicals. In 1857–58 he was president of the Toledo city council; from 1871 to 1875 and again in 1877 was elected mayor of Toledo; and has been for the past ten years a member of the city board of health. He is medical director of the Toledo mutual life insurance company, a corporation of which, in 1871, he was one of the founders. He married, Feb. 15th, 1851, Adaline, daughter of John Knaggs, of Toledo.

WILSON, FRANK CARUTHERS, Louisville, Ky., son of John M. and Phoebe (Caruthers) Wilson, was born at Lexington, Va., July 26th, 1841. In 1860 he was graduated A. B. from Washington coll., Lexington, and in 1867 M. D. from the univ. of Va. From Oct., 1867, to April, 1869, he was house phys. to the New York charity hosp., and since Aug., 1869, has been established in Louisville. He is a member of the Ky. State med. soc.; of the Louisville medico-chirurg. soc., obstet. soc. and acad. of medicine. Of his professional publications may be mentioned: "On the Use of Calabar Bean in Epilepsy," *Richmond and Louisville Medical Journal,* Aug., 1869; two articles on "Fœtal Physical Diagnosis," *American Practitioner,* Dec., 1873, and Dec., 1875, and "On Transfusion," Transactions of the Kentucky State Medical Society, 1876. Since 1874 he has been prof. of physiol. and clin. medicine in the hosp. coll. of medicine, Louisville, Ky., med. dep't of Central univ. In 1861 he was commissioned a captain in the 27th Va. reg., "Stonewall brigade," Confederate States army, and in this capacity served until the end of the war—being wounded in the battles of Port Republic, Gettysburg and Monocacy Bridge. He married, Nov. 2d, 1876, Daisy Forman, daughter of Samuel Forman, Esq., of Washington, Ky.

QUINN, JAMES LACEY, Eaton, Ohio, of Irish descent, son of John and Mary Ann (Pottenger) Quinn, and paternally a grandnephew of Gen. John Lacey, commandant of Pa. militia during the British occupancy of Philadelphia, was born in Eaton, O., Sept. 21st, 1841. Educated at the Miami univ., Oxford, O., and at the Miami med. coll., Cincinnati, he graduated M. D. from the latter institution in March, 1869, and after practising in Cincinnati and in Muncie, Ind., finally established himself in Eaton, in May, 1872. Among his professional publications may be mentioned: "Stricture of the Urethra, Symes' Operation," *Cincinnati Lancet and Observer,* Sept., 1869; and "Case of Extra Uterine Pregnancy," *ibid.,* Oct., 1872. During the year 1869 he was resident physician to the Cincinnati hospital. For some years he has been examining physician to the Continental life insurance company of Hartford, Conn. He was married, May 6th, 1873, to Elizabeth, daughter of Joseph W. Quinn, Esq.

MEIGS, JAMES AITKEN, Philadelphia, was born in Philadelphia, July 31st, 1829, of English and Scotch ancestry on his father's side, and Scotch and German through his mother. Having received his primary education from private tutors, he entered, in 1843, the Mount Vernon grammar school, from which, after attaining the required proficiency, he passed to the Central high school of Philadelphia, from which he was graduated in Feb., 1848, beginning in April of that year the study of medicine in the office of Drs. F. G. Smith and J. M. Allen, his studies under whom he supplemented by attending a course of lectures on various medical subjects in the school of anatomy, after which, in October of the same year, he was matriculated in Jefferson med. coll., from which he was graduated in March, 1851, receiving at the same time the certificate annually conferred by the corps of lecturers of the Philadelphia asso. for medical instruction on those students who passed successfully the examinations upon the lectures delivered by the association. The subject of his thesis on the occasion of his graduation was "The Hygiene and Therapeutics of Temperament." He began practice in his native city, where he has since pursued it. For several years he acted as assistant to the prof. of physiol. in the Pa. coll., and engaged in the examination and preparation of students for graduation. In 1854 he delivered, by appointment, the semi-annual address before the alumni asso. of the Central high school, the address being published by a committee of the association. In September of the same year he was appointed lecturer on climatology and physiology at the Franklin institute for the promotion of the mechanic arts, holding the position for eight years, during which he also lectured frequently on physiological and ethnological subjects at the different mechanics' institutes in Philadelphia, and before various literary associations in neighboring cities. In 1855 he was elected physician to the dep't of diseases of the chest in the Howard hosp. and infirmary for incurables, a position which he filled thirteen years. In the following year he became librarian of the acad. of natural sciences of Philadelphia, the duties of which office he discharged for several years until increasing professional duties compelled him to resign it. In 1857, by invitation of the faculty and board of corporators of the Philadelphia coll. of med., he accepted the chair of institutes of medicine in that institution, and continued to occupy it until April, 1859, when he was transferred to the professorship of institutes in the med. dep't of Pa. coll., previously held by Prof. F. G. Smith, for whom the chair was originally created by the trustees of the parent institution at Gettysburg. While in the latter school he delivered two systematic courses of lectures on physiology, illustrating them with an extensive series of vivisectal demonstrations, which attracted much attention at the time, as no sustained, systematic effort to teach physiology experimentally had been made before in either of the four medical schools then existing in Philadelphia. In Nov., 1859, while still connected with the Pa. coll., he was elected by the board of guardians consult. phys. and clinical lecturer to the Philadelphia hosp. at Blockley. On the breaking out of the civil war in 1861, he, in company with his colleagues, resigned from the Pa. coll., and for a number of years following devoted himself exclusively to medical and obstetric practice. In 1866, a spring course of lectures having been established by the faculty of Jefferson coll., with the object of extending the facilities of instruction so as practically to lengthen the regular winter course, he delivered in this special course, at the request of the faculty, a series of lectures on the physiology and pathology of the blood and circulation. In June, 1868, on the resignation of the late Prof. Robley Dunglison, he was elected, by the board of trustees of Jefferson med. coll., prof. of the institutes of medicine and med. jurisprudence, his application for the chair having been supported by the medical profession of Philadelphia, and recommended in letters addressed to the board by Prof. Henry, of the Smithsonian institution; the late Dr. J. C. Nott, of Mobile; Profs. Wilson, of Toronto; Owen, of the British museum; Turner, of the univ. of Edinburgh; Broca, of the acad. of medicine of Paris; Von Düben, of the Carolinska institute of Stockholm; Pruner-Bey, of Cairo; and other distinguished physicians and scientists of America and Europe. In August of the same year the board of managers of the Pa. hosp. chose him without the usual canvass one of the physicians to that institution. These two positions he still fills. He is a member of the Philadelphia co. med. soc., of which he was elected recording secretary in 1857; and a year later corresponding secretary, to which latter office he was twice reëlected, becoming in 1867, moreover, one of the vice-presidents, and in 1871 the president; the Franklin institute; the acad. of natural sciences; the coll. of phys.; the State med. soc. of Pa., and the Am. med. asso., in both of which his membership is permanent; the State historical soc. of Wis.; the biological dep't of the acad. of natural sciences; the Am. asso. for the ad-

vancement of science; the medico-legal soc. of New York; the numismatic and antiquarian soc. of Philadelphia; the New York lyceum of natural history; the Linnæan soc. of Pa. coll. at Gettysburg; the societé d' anthropologie de Paris; the ethnological soc. of London; the anthropological soc. of London; the Societas Medicorum Svecanæ of Stockholm, and the International congress of prehistoric archæology. He also was a delegate to the International med. congress held in Philadelphia during the centennial exposition. In 1877 he was elected a member of the board of trustees of the polytechnic coll. of the State of Pa. to fill the vacancy created by the death of the late Dr. Condie. While a student of medicine and for some time after his graduation, he contributed to the *Medical Examiner* clinical reports of cases treated at Jefferson coll. and the Pa. hosp., the discussions of the Philadelphia co. soc., and papers on the mortuary statistics of Philadelphia. In 1855 he published in the journal of the Franklin institute an article on the physiology of stammering and its treatment by mechanical means. In the same year he read before the acad. of natural sciences a paper on the "Relation of Atomic Heat to Crystalline Form," which was published in the journal of the academy. In 1856 he prepared an appendix to the first American edition of Carpenter's work on the microscope. The following year, being chairman of the standing committee on anthropology (as he still is), he arranged and classified the extensive collection of human crania in the acad. of natural sciences, and prepared a systematic catalogue of the collection, which was published by the academy. He also contributed during this year to Nott and Gliddon's "Indigenous Races of the Earth," an essay on the "Cranial Characteristics of the Races of Men," presenting a general survey of human skulls in their ethnical relation; and edited an American edition of "Kirke's Manual of Physiology." To the proceedings of the acad. of natural sciences, the reports of the Smithsonian institution, and other like publications he has contributed, at various times, many original articles on craniography, prominent among which may be mentioned, "Hints to Craniographers upon the Importance and Feasibility of Establishing some Uniform System by which the Collection and Promulgation of Craniological Statistics and the Exchange of Duplicate Crania may be Promoted;" "Description of a Deformed Fragmentary Human Skull found in an Ancient Quarry Cave at Jerusalem;" "Observations on the Form of the Occiput in the Various Races of Men;" "On the Mensuration of the Human Skull;" and "Observations on the Cranial Forms of the American Aborigines." He has likewise contributed numerous reviews, on a great variety of physiological, medical and scientific subjects, to the *Medical Examiner*, the *North American Medico-Chirurgical Review*, and the *American Journal of Medical Sciences*, and prepared for Prof. Gross' "American Medical Biography" the memoir of Dr. Randolph. In 1868, as introductory to his course of lectures on physiology in Jefferson coll., he delivered an inaugural dissertation on the "Correlation of the Physical and Vital Forces," of which two editions, of over a thousand copies each, were published. In October, 1872, he delivered an address at the laying of the corner-stone of the new edifice of the acad. of natural sciences, which was published by the academy. Besides attending to his private practice, he lectures annually in Jefferson coll., on diseases of the nervous system, in September; on physiology, from October to March; and also on clinical medicine, during January and February; having charge as attending physician, furthermore, of the medical wards of Pa. hosp. from May to August, throughout which period, in addition to his daily visits, he delivers, twice a week, a series of clinical lectures, which make a part of the course of instruction given for eight months of the year by the faculty, hospital staff and corps of special lecturers of Jefferson med. coll.

HOLLIDAY, BENJAMIN WHITLEY, Cleveland, O., of Scotch descent, son of Samuel and Elizabeth (Porter) Holliday, was born at East Springfield, Erie co., Pa., May 21st, 1847. Having received his preliminary education in Oberlin coll., and in the univ. of Mich., he entered the Cleveland med. coll., whence he graduated M. D. in 1869, and in the same year established himself in practice in Cleveland. He is a member of the Cuyahoga co. med. soc., corres. sec. in 1875, vice-president in 1876; and a member of the Ohio State med. soc. In 1872 he was appointed and is at present (1877) prof. of anatomy in the Cleveland med. coll. He married, Aug. 15th, 1872, Isabella, daughter of James Brokenshire, of Cleveland.

HUGHSON, JOHN SCOTT, Sumter, S. C., was born in Camden, S. C., Oct. 1st, 1841. He was educated at the male acad. of Camden, and at the Furman univ., Greenville, S. C. His medical studies were pursued at the med. coll. of the State of South Carolina, in Charleston, whence he graduated in March, 1867. He commenced practice in the country, but settled in Sumter in 1869. He is a member of

the Sumter med. soc., secretary and treasurer, and of the South Carolina med. asso. He has contributed largely to medical journals, among his articles being "Whooping Cough with Bronchitis: Simultaneous Collapse of Lungs and Convulsions;" "Injurious Effects of Carbolic Acid, Injudiciously Applied Locally;" "Gelseminum;" "Puerperal Mania;" "Embolism and Thrombosis" (in the *Medical and Surgical Reporter*); "Extended Experience with Gelsemnum;" "Salicine in Chronic Diarrhœa" (*Charleston Journal and Review*); "Sacculated Cylindrical Aneurism of the Femoral Artery," etc. He served in the Confederate army during the rebellion; first in the Hampton legion, and afterwards in the cavalry command of Gen. Wade Hampton. He married, March, 1864, Eliza Randolph, daughter of Shirley Carter Turner, of Virginia. She died in Jan., 1876.

HAMILTON, GEORGE, Philadelphia, was born in Philadelphia, Nov. 15th, 1808, of Scotch-Irish parentage, but of English ancestry. He studied medicine under Dr. Thomas T. Hewson, senior surg. to the Pa. hosp., and graduated at the univ. of Pa. in 1831. He first commenced practice in Philadelphia, but removed to Centreville, Del., in 1833. In 1844 he returned to Philadelphia, where he has ever since continued to practise. He is a member of the coll. of phys. of Philadelphia, and member of the county med. soc.; was president of the latter in 1868. He has contributed various papers to the *American Journal of Medical Sciences;* the *Medical and Surgical Reporter*, and the *Philadelphia Medical Times.*

TODD, SIMEON SEYMOUR, Kansas City, Mo., a great-grandson of John Todd, who immigated from Scotland to Virginia about 1740, and son of David A. and Mary (Ogle) Todd, was born near Vevay, Ind., March 10th, 1826. Having received an English education and some knowledge of the classics, he entered the Indiana med. coll.; was graduated thence M. D., in Feb., 1849; practised at Lawrenceburg, Ky., until 1854; in California, until 1865, and since Sept., 1865, has been established at Kansas City. While engaging in a general practice, he has during the past twelve years given especial attention to gynæcology, and has performed nearly all the leading operations in this branch of his profession—five removals of uterine fibroids, four successful; one case of restoration of the uterine cervical canal; ovariotomy three times, twice successfully; extirpation of the lower two bones of the coccyx for coccyodynia, with complete relief; operations for vesico-vaginal and recto-vaginal fistula, etc., etc. In 1869 he was one of the founders of, and since its foundation has been dean of the faculty, and prof. of obstetrics and diseases of women in the Kansas City coll. of phys. and surg. He is a member of the Kansas City district med. soc.; an hon. member of the Kansas State med. soc., and of the Missouri State med. soc.; vice-president of the latter in 1872, and president in 1873; a corres. member of the Boston gynæcological soc., and a member of the Am. med. asso. Of his professional publications may be mentioned: "Intra-Uterine Injections in Uterine Hemorrhage," *Leavenworth Medical Herald*, Nov., 1870; "An Unappreciated Impediment to Labor in the Second Stage," *Kansas City Medical Journal*, Feb., 1871; "Complete Occlusion of the Os Uteri in Labor," *ibid.*, Jan., 1874; "Extirpation of the Coccyx," *ibid.*, Dec., 1874; "Atresia Uteri," *St. Louis Medical and Surgical Journal*, Sept., 1876; and a report "On the Use of Anæsthetics in Labor," Transactions of the Missouri State med. soc., 1875. In Jan., 1848, he enlisted as a private in the 5th Ill. cavalry, was made hosp. steward, and served until the following November. In Sept., 1861, he was commissioned surgeon of the 2d, and subsequently of the 4th California infantry; was successively detailed surg. in charge of the Presidio hosp., San Francisco; of the hosp. at Fort Humboldt, and of Drum Barracks, in Los Angelos co., and served until the end of the war. He has twice married: first, Oct. 10th, 1850, to Judith Ann, daughter of Jeremiah Ridgway, Esq., of La Porte, Ind.; and second, Jan. 21st, 1867, to Thirza F. Dean, daughter of Thomas Scott, Esq., of Ann Arbor, Mich.

PEABODY, JAMES H., Omaha, Neb., was born, March 7th, 1833, in Washington, D. C. He is of English descent, his ancestors having emigrated to New England in 1635. He was educated in private schools, and read medicine with Dr. Thomas J. Cathcart, of Columbia coll., and Dr. James E. Morgan, of the med. dep't of Georgetown coll., D. C., which he afterwards entered, and from which he graduated, March 7th, 1860, practising in Washington, D. C., from 1860 to 1862, when he joined the U. S. army, remaining with it till the close of the war. In 1865 and 1866 he attended a full course of lectures at Bellevue coll., and at the coll. of phys. and surg., in New York city, after which he settled permanently in Omaha, though in 1875 he went to California, staying there about a year, during which he practised in Stockton and other towns in

the State, and returning to Omaha in 1876. He has taken an active part in the organization of medical societies in Nebraska. He is a member of the Omaha med. soc., of which he was elected president, Feb. 8th, 1869, and vice-president in Feb., 1877; the Nebraska State med. soc., of which he was elected president, June 2d, 1869; the San Joaquin co. (Cal.) med. soc., which he assisted in organizing, and of which he was elected vice-president; and the Am. med. asso. He has contributed to the "Surgical History of the War" several cases of resection, amputation, etc.; to the Transactions of the Am. med. asso. a paper on the "Climatology of Nebraska;" and various articles to the *St. Louis Medical Journal*, the *Philadelphia Medical Reporter*, and the Transactions of the Nebraska State med. soc. In April, 1862, he entered the U. S. army as ass't surg., and in the following year was promoted to the surgeoncy, serving at Carver hosp., Washington, D. C., and at Antietam. In the course of the war he was in charge of several hosps. in the west, among them the U. S. marine hosp. at St. Louis. In 1864 and 1865 he was med. director of the dep't of the Platte, and subsequently of the dep't of North Missouri, until mustered out of service in August of the latter year. He is visiting and consulting phys. to the Mercy hosp. in Omaha, and phys. to the Good Samaritan hosp. at that place.

HOFFSTETTER, MARIE BERNARD, San Francisco, Cal., was born at Village Neuf (Ht. Rhin, France), Sept. 15th, 1823. He received a general education at the coll. of Besançon, and pursued his medical studies at the école de médicin de Paris, whence he graduated in Jan., 1852. From that date until 1870 he practised medicine and surgery in Humingue (Ht. Rhin), and was for sixteen years phys. and surg. to the military hosp. at that place, besides being cantonal phys. of the canton of Humingue. He came to this country and settled first in St. Paul, Minn., in July, 1870, but in May, 1873, removed to San Francisco. He holds the position of phys. to the maison de santé Française, having been elected regularly since 1874.

PHELPS, WILLIAM C., Buffalo, N. Y., was born in Attica, Wyoming co., N. Y., Aug. 31st, 1844. He was educated at Middlebury acad., and pursued his medical studies in the med. dep't of the univ. of Buffalo, whence he graduated, Feb. 20th, 1866, settling in Buffalo. He is a member of the med. soc. of Erie co., N. Y.; has been its treasurer since 1872; also of the Buffalo med. asso.; and of the asso. of the alumni of the med. dep't of the univ. of Buffalo; secretary of the former, 1870 and 1871, and of the latter since 1874. He is the author of a paper on a "Case of Pyromania," and a report of "A Successful Operation of Tracheotomy for Membranous Croup," both in *Buffalo Medical Journal*. Since 1872 he has been demons. of anat. in the med. dep't of the univ. of Buffalo. He has been surg. to the Buffalo police dep't, and post-mortem examiner for Erie co., N. Y.; and since 1872 has been surg. to the 74th reg. National Guard of the State of N. Y. He has also since 1875 been physician to the Church charity foundation. In 1874 he married Mary M. Anderson, daughter of Robert Anderson, Esq., of Buffalo, N. Y.

BOWLING, W. K., born in Westmoreland co., Va., June 5th, 1808. In 1810 taken to north Kentucky—fifth of ten children, and the middle brother of seven—educated privately by excellent tutors, and among them three authors of books. He devoted his subsequent life to the improvement of that education. Studied medicine with Lyman Martin, M. D., of Owen co., Ky.; attended his first course of lectures in the med. coll. of Ohio, in 1830. Continuing his medical studies he revisited Cincinnati in the autumn of 1835, and became a student of medicine in the med. dep't of Cincinnati coll., better known as Drake's school, from which he graduated in the spring of 1836. He commenced practice in Logan co., Ky., known then as the southern portion of the Green river country, near the Tennessee line; here he set up a med. coll. in a cave, and filled all the professorships himself; was returned a member of the constitutional convention of Kentucky for Logan co., in 1849, and there laid the corner-stone of public instruction in that State. In 1851 founded at Nashville the *Nashville Journal of Medicine and Surgery*, and sustained it for a quarter of a century. The same year assisted in founding the med. dep't of the univ. of Nashville, and was elected by his colleagues prof. of the practice and institutes of medicine. In the following ten years he taught from that chair more than three thousand medical students, an achievement without precedent in professorial annals. In 1853 delivered the oration upon the occasion of laying the corner-stone of the first public school building in Nashville. In 1856 elected third vice-president of the Am. med. asso. In 1861 sent as peace embassador from the republic of Tennessee to the governor and legislature of the State of Kentucky. In

1867 elected first vice-president of the Am. med. asso. In 1873 elected by the medical editors of the U. S. president of the Am. asso. of medical editors. In 1874 elected president of the Am. med. asso. His contributions to medicine are principally contained in the journal before mentioned, where he was never negative but definitely aggressive or defensive concerning all things pertaining to his profession during twenty-five years. In 1876 appointed by the International med. congress one of the executive committee of the State of Tennessee. Ever since his graduation has been and is yet an active practitioner of medicine. Upon retiring from the *Medical Journal* in 1875, his publisher said of him in his paper that "Dr. Bowling had never kept the printer waiting for copy or money," and the greatest living medical critic in his journal said of him—"A man of genius as well as learning, of the true poetic temperament, he has written some of the most brilliant articles in our medical annals." In 1837 he married Mrs. Melissa Cheatham *née* Melissa Saunders.

CURTIS, LEVI, Philadelphia, was born in Wethersfield, Conn., May 5th, 1823, of parents who came from old Puritan stock. He received his education in the academy at Monson, Mass., and his medical education at the Jefferson med. coll., Philadelphia, and graduated from that institution M. D., in March, 1847. He is a member of the Am. med., and the Northern med. assos.; was president of the latter; was vice-president of the Philadelphia co. med. soc., and member of the Pa. State med. soc.; and consulting phys. to the Northern dispensary. From June, 1862, to Nov., 1865, he was acting ass't surg. to the Union army. Married.

DAVIS, SAMUEL T., Lancaster, Pa., was born at Cottage, Hunterdon co., Pa., March 6th, 1837. Educated at the Millersville State normal school, and at Jefferson, Bellevue and Long Island hosp. med. colls., he was graduated M. D. from Long Island hosp. coll. in 1865; was engaged in the practice of his profession at Millersville until Aug., 1874, and since that date has been established in Lancaster. While engaging in a general practice, he has given especial attention to surgery; has performed tracheotomy, ovariotomy (twice), and other capital operations. He is a member of the Lancaster city and co. med. soc., president in 1867; the Pa. State med. soc., and of the Am. med. asso. The most important of his professional publications is the report of the first "Case of Ovariotomy" above referred to—*Medical and Surgical Reporter*, March, 1877. At the beginning of the late war he entered the U. S. vol. service as a private; was in thirteen engagements, and was three times wounded. When last wounded, at Resaca, Ga., his injury was so severe as to compel his resignation, his rank at that time being captain and acting ass't adjt.-general. From 1866 to 1874 he was a member of the board of trustees of the Millersville State normal school. He married, Oct. 2d, 1866, Elizabeth, daughter of Christian Fenstermacher, Esq., of Millerstown, Pa.

BUELL, EZEKIEL P., New Philadelphia, O., of English descent, was born, Sept. 22d, 1816, in Middletown, Vt. He studied medicine at the Castleton (Vt.) med. coll., from which he graduated in 1846. He first settled where he now resides. He has given special attention to surgery. He is a member of the Tuscarawas co. med. soc., of which he has been president; also a member of the Ohio State med. soc. He holds the office of examining surg., and is one of the censors of the med. dep't of the Wooster univ., at Cleveland. He was surg. during the war of the 80th Ohio vol. infantry, and belonged to the list of conservative surgeons, saving many limbs by re-section of bones whilst in the service.

HOLT, JACOB F., Philadelphia, Pa., was born, July 24th, 1831, at Greenfield, N. H., and is a descendant of a family of Puritans who settled in New England. After receiving an academic education at Francestown, N. H., and at Phillips acad., Andover, Mass., he entered Harvard univ., graduating in 1857, and subsequently the med. dep't of the univ. of Pa., from which he graduated in 1859. Locating in Philadelphia, he has since officiated as instructor in the polytechnic coll. of Philadelphia; for six years as ass't surg. during the late civil war; and from October, 1867, as prof. of anat. and physiol. in the Central high school. He is a member of the Philadelphia co. med. soc., and the acad. of natural sciences.

PALLEN, MONTROSE ANDERSON, New York, was born in Vicksburg, Miss., Jan. 2d, 1836. His father, who was from Virginia, held the position of prof. of obstetrics in the St. Louis med. coll. for twenty-seven years. He received his education at the St. Louis univ., where he graduated A. B. in 1853, and A. M. in 1856, and studied medicine in the med. dep't of the same institution, graduating M. D. in March, 1856. After spending two years in the medical schools

and hospitals of London, Paris, and Berlin, he settled in St. Louis, where he remained till 1874, when he was called to the chair of gynæcology in the med. dep't of the univ. of the city of New York, he having previously, in 1861, declined the chair of ophthalmic medicine and surgery in the New York med. coll. He is a member of the Am. med. and the New York journal and library asso.; also of the New York co. med., New York obstetrical, the New York neurological, and hon. member of the St. Louis med. and chirurgical socs. He is the author of various articles on iridectomy, corneitis, wounds of the brain, heritage cancer, philosophy of medicine, therapeutics of quinine, atresia vaginæ, intra-uterine injections, division of the cervix uteri, surgical accidents of parturition, faulty implantation of the vagina, placenta prævia, ovarian cysts, insanities of women, divisions and incisions of the cervix uteri for dysmenorrhœa and sterility. Prize essays, 1858 and 1867, on "The ophthalmoscope," and "Uterine Abnormities," before the Am. med. asso., etc., etc. He was prof. of gynæcology in the Humboldt med. coll. in 1866 and 1867; adjunct prof. of obstetrics in the St. Louis med. coll. in 1867 and 1868; prof. of gynæcology in the St. Louis coll. of phys. and surg. in 1869 and 1870; prof. of anat. in the Missouri med. coll. in 1871 and 1872; and professor of gynæcology in the med. dep't of the univ. of the city of New York since 1874, and surg. to Charity hosp. In 1873 and 1874 he was surgeon-general of Missouri, and during the civil war he was surg. in the Confederate army, medical director of Wise's legion, medical director of Hardee's army corps, medical director of Van Dorn's dep't of Mississippi, etc., etc. In 1857 he married Anne Elize, daughter of Louis A. Benoist, Esq., of St. Louis, by whom he has two children.

HOLAHAN, JOHN FREDERICK, York, Pa., son of Prof. Thomas Holahan and Sarah (Antes) Holahan, was born in Milesburg, Centre co., Pa., Nov. 3d, 1840. He was educated at Boolsburg, Centre co., acad., and studied medicine in the med. dep't of the univ. of Pa., whence he graduated, March, 1867. He settled at Emporium, Pa., remaining there two years, and then removed to Milesburg. He remained here but two years, and going to York, Pa., finally established himself there. He is a member of the York co. med. soc., of which he was also founder—is now its vice-president. He served in the Union army during the entire civil war, and rose from a private to the rank of captain, passing through many engagements and being wounded four times. He has been twice elected health officer of the city of York; has held the position of director, as well as medical director of the Washington life insurance company; and from 1868 to 1869 was surgeon of the Pennsylvania railroad. In April, 1868, he married Alcesta, daughter of the late Thomas H. Fulton, Esq., of Baltimore, Md.

SALISBURY, JAMES NEWTON, Russelville, Ohio, son of Thomas and Susan (Martin) Salisbury, was born in Ripley, O., Jan. 15th, 1825. Having graduated from Marietta coll. A. B. in 1849 (A. M. in 1856), he entered the med. coll. of Ohio; was graduated thence M. D. in March, 1851, and in the same year established himself at Russelville. He is a member of the Brown co. acad. of medicine, and of the Ohio State med. soc. He married, April, 1851, L. Maria, daughter of Norman Payne, Esq., of Marietta, O.

DUTTON, GEORGE WASHINGTON, Tomales, Cal., of English descent, a grandson of Capt. Dutton, a soldier in the continental army during the revolutionary war, was born at Sheldon, Vt., Dec. 18th, 1826. In the years 1844–45 he attended Oberlin coll., O., partly paying tuition and board with manual labor. A want of funds compelled him to leave college to teach, to raise funds to complete his course at Oberlin. But at the commencement of the Mexican war in 1846 he enlisted as a private soldier in the 3d reg. of Ohio vols., Col. S. R. Curtis, commanding. He was detailed from the ranks to do duty in the commissary and med. dep'ts. He attended a full course of lectures in the univ. of Pa. during the winter of 1855–56, having previously applied himself to the study of medicine with Dr. Joseph Sheets, of Steubenville, O., for over three years. After this course, commenced practice at Independence, Ohio. Removed to Tomales, Cal., in 1860. Attended second course at the univ. of Pa. in the winter of 1868–69, receiving his degree of M. D. He is a member of the California State med. soc. Of his more important professional publications may be mentioned an article on "Treatment of Fracture of Femur," in Transactions of the medical society of the State of California for 1874, in which, and in previous articles, he first drew attention to the fact that unless the sound limb is stretched as a criterion in measurement, equally with the broken limb, an inequality in length will follow recovery. He married, March, 1849, daughter of Hon. W. C. McCauslen, of Steubenville, Ohio.

BARUCH, SIMON, Camden, S. C., son of Bernhard and Theresa Baruch, was born at Schwersenz, province of Posen, Prussia, July 29th, 1840. His preliminary education was received at Friedrich Wilhelm's gymnasium, Posen; his professional education at the S. C. med. coll., and at the med. coll. of Va. From the last-named institution he was graduated M. D. in March, 1862. In 1865 he established himself in Camden, where —save six months passed in New York—he has since remained. In the course of his practice he has performed resections of elbow and shoulder-joints, and has ligated the common carotid, and excised the upper maxilla. He is a member of the S. C. State med. soc., corres. secretary in 1873, president in 1874; and of the Kershaw district medical soc., corres. secretary since 1874. Of his professional publications may be mentioned: "Hypodermic Medication," *Richmond and Louisville Medical Journal*, July, 1866; "Uterine Diseases Among the Lower Classes," *ibid.*, Dec., 1870; "Hydrate Chloral and Bromid. Potass. in Tetanus," *ibid.*, January, 1873; "Discovery of Decolorizing Effect of Sulphites on tr. Iodine," *New York Medical Record*, Feb., 1868; "Subinvolution of Uterus," *Charleston Medical Journal and Review*, April and July, 1873; "Fibroma of Upper Maxilla,"—"Treatment of Acute Articular Rheumatism by Cold Bath," Transactions of the South Carolina Medical Society, 1875; "Report on Tetanus," Transactions South Carolina Medical Society, 1877; and "A Neglected Point in the Medico-Legal Aspect of Strychnine Poisoning," *ibid.*, 1877. In March, 1862, he was commissioned an ass't surg. in the Confederate States army; was promoted to be surg. in Aug., 1864, and at the close of the war was surg. in charge of the general hospitals at Thomasville, N. C. Since 1875 he has been examining phys. to the Universal life insurance company, New York. He married, Nov. 27th, 1867, Isabel, daughter of Saling and Sarah Wolfe, of Winnsboro', S. C.

COLES, WALTER, St. Louis, Mo., son of Walter and Ann E. (Carter) Coles, was born in Goochland co., Va., Feb. 25th, 1839. Educated in Edge Hill grammar school, Princeton, N. J., at Hampden-Sydney coll., and in the med. dep't of the univ. of Va., he was graduated M. D. from the univ. of N. Y. in 1859, and was during the ensuing two years on the medical staff of Bellevue hosp. In 1865 he established himself at Parkersburg, West Va.; in 1868 was appointed prof. of diseases of women and children in the med. coll. of Va., resigned this position on the following year and continued his practice in West Va. until 1871, when he removed to St. Louis, Mo. While resident in Parkersburg, he was a member of the Wood co. med. soc., president in 1870; and of the West Va. State med. soc., vice-president in 1871. He is a member of the St. Louis med. soc.; of the acad. of sciences; of the Mo. State med. soc.; of the Confederate States army and navy med. soc., vice-president for Mo. in 1875; of the Am. med. asso., etc. Of his professional publications may be mentioned: "Progressive Locomotor Ataxia," *Richmond and Louisville Medical Journal*, July, 1868; "Embolism in its Relation to Disease," *New York Medical Journal*, Oct., 1869; "Anæsthetics," Transactions West Virginia Medical Society, 1871; "Spasmodic Dysmenorrhœa," *American Practitioner*, Jan., 1874; "Abortion, its Causes and Treatment," *St. Louis Medical and Surgical Journal*, May, 1875, etc. In 1861 he was appointed a surg. in the Confederate States army; in Jan., 1862, was made med. director at Roanoke island; after the surrender of Roanoke and on being exchanged, was on departmental and hospital duty at Richmond and at Mount Jackson, in the valley of the Shenandoah; shortly before the end of the war was made president of the board of medical examiners for the dep't of southwest Virginia. He married, Nov., 1864, Ann T., daughter of Hon. Wm. Ballard Preston, and (2) June, 1872, Elizabeth C., daughter of Hon. Edmund Pendleton, of Virginia.

ROBINSON, LUKE, Colusa, Cal., was born at Saint Joseph, Mo., June 15th, 1842. In 1846 his parents crossed the plains and fixed their residence upon the Pacific coast, first in Oregon, and subsequently in California. Educated at the univ. of Cal., and at the Toland med. coll., San Francisco, he received his degree of M. D. from the last-named institution in 1874, and has been since that date in general practice in Colusa. He is a member of the Am. med. asso.; Cal. med. soc.; Northern district med. soc., of which he has served as president; State board of health and State board of medical examiners. He married, Oct. 1st, 1871, Geneva E. Brooks, daughter of Capt. Alphonzo Brooks, of Virginia.

SIMON, WILLIAM, Baltimore, Md., was born, Feb. 20th, 1844, at Eberstadt, Hessen, Germany, his father being William Simon, a clergyman of the Lutheran church. He was educated at the gymnasium and univ. of Giessen, graduating as Doctor of Philosophy, Nov., 1868. For two years succeeding his graduation he served his *alma mater* as

first ass't in the chemical laboratory, and in 1870 came to Baltimore, where he has since held the chair of analytical and general chemistry in the Md. coll. of pharmacy, of that city, and for one session as lecturer on chemistry at the coll. of physicians and surgeons. He is now the chairman of the section of chemistry and physics in the Md. acad. of sciences, and is a member of numerous scientific assos. in this country and Europe. He was married in May, 1873, to Paula, daughter of F. Driver, sup't of schools, Oldenburg, Germany.

BANCROFT, AMOS BIGELOW, Chelsea, Mass., son of Dr. Amos and Sarah (Bass) Bancroft, was born in Groton, Mass., April 3d, 1811. Having received his primary education at the Groton acad., he entered Harvard univ., and was graduated thence B. A. in 1831, and M. D. in 1835. In the latter year he established himself as a general practitioner at Groton; removed thence to Charlestown, Mass., in 1853, and since 1869 has been established in Chelsea. He is a member of the Mass. State med. soc., councillor some years; and of the Mass. med. benevolent soc. Since 1835 he has been surg. to the Mass. State prison, and since 1869 surg. in charge of the U. S. marine hosp., Chelsea. His most important professional publications are his prison reports, and a paper entitled "Sailors and their Diseases," published in Report of United States Marine Hospital Service, 1874. He married Marietta, daughter of Nathan Shipley, Esq., of Pepperell, Mass.

VEDDER, ALEXANDER M., Schenectady, N. Y., was born in that city, Jan. 15th, 1814, and is a direct descendant of Harmanus Albertse Vedder, who immigrated to this country from Holland in 1630. He received his literary education at Union coll., Schenectady, and pursued his medical studies at the univ. of Pa., where he graduated M. D. in 1839. In 1838 he was associated with Dr. E. M. Moore, of Rochester, and Dr. J. K. Barnes, surg.-gen., as res. phys. of Blockley hosp., Philadelphia. He settled in practice in Schenectady. He is a member of the patholog. soc. of Philadelphia; of the N. Y. State med. soc., and of the Schenectady co. med. soc., president of the latter in 1870. He is the author of a paper on "Tracheotomy," and another on "Embolism," read at the New York State Medical Society in 1875. He held the position of prof. of anat. and physiol. in Union coll. for about twenty years. During 1856 and 1857 he was mayor of Schenectady, and during 1864 he was examining surg. of the 18th Congressional district, and is now one of the curators of the Albany med. coll. He has been twice married: the first time to Catharine M. Viele, of Hoosick, Rensselaer co., and after her death to Hannah M. Wilkinson, daughter of the late Oliver Wilkinson, Esq., of New York.

MCCULLOCH, THOMAS JEFFERSON, Jewett, Texas—son of John McCulloch, and grandson of Thomas McCulloch, both soldiers in the revolutionary war, the latter killed at the battle of Kings Mountain—was born near Abingdon, Va., Aug. 4th, 1835. Educated at Emory and Henry coll., Va., and at Jefferson med. coll., he was graduated M. D. from the latter in 1857; began practice in the same year at Abingdon, Va., removed thence in 1858 to Jackson, Miss., and thence, in 1867, to Leon co., Texas. He is a member of the Leon co. med. soc., vice-president in 1871; and president of the medical examining board under the old law. Of his professional publications may be mentioned a treatise upon "Epidemic Dysentery," and other papers. In 1860 he was a presidential elector on the Bell and Everett ticket for Mississippi, and in 1876 he was elected a member of the Texas State senate for four years. In 1861 he was appointed ass't surg., and in 1873 was commissioned surg. and transferred from Richmond to Lynchburg, Va.

BEALE, JOSEPH, Washington, D. C., was born in Philadelphia, Dec. 30th, 1814, of mixed English and Scotch-Irish extraction. He received his classical and medical education in the univ. of Pa., graduating M. D. in 1836. He settled in Philadelphia, where he practised for one year and then entered the U. S. navy as ass't surg. He rose to the position of surg.-general of the navy, to which he was appointed in July, 1873. He was retired from active service in Feb., 1877. He served during the war of the rebellion on the blockade of Charleston, Savannah, and Mobile, and participated in the naval engagements and capture of Forts Hatteras and Clark, N. C., and the forts at Port Royal, S. C. In 1851 he married Atala, daughter of George Blow, Esq., of Sussex co., Virginia.

CASWELL, EDWARD THOMPSON, Providence, R. I., son of the late Rev. Alexis Caswell, D. D., former president of Brown univ., and Esther L. (Thompson) Caswell, was born in Providence, Sept. 11th, 1833. He was educated at Brown univ., and pursued his studies at Jefferson med. coll., graduating at the former in 1853, and M. D. at the latter in 1859. After spending two or

three years in study in Europe, he settled in practice in Providence. He is a member of the Providence med. asso., was its secretary in 1864; of the R. I. med. asso., vice-president in 1876; and of the Am. med. asso. He has translated "Semeleder on Laryngoscopy and Rhinoscopy," W. Wood & Co., publishers, 1866; and has contributed various articles, book-notices, reports of cases, etc., to sundry medical journals. The Rhode Island Registration Reports were annually prepared by him from 1868 to 1876. He has been surg. of the R. I. hosp. since its establishment, and consulting phys. to the Providence dispensary since 1866. During the war he was for a short time U. S. contract surg. and also examining surg. for recruits. In 1865 he married Annie, daughter of Austin Baldwin, Esq., of New York.

CLUNESS, WILLIAM ROBERT, Sacramento, Cal., was born at Williams, Ontario, Canada, Dec. 29th, 1835, of parents who came from Inverness, in the highlands of Scotland. He received his literary and classical education at the univ. of Queens coll., Kingston, Ont., and pursued his medical studies in the med. dep't of the same institution, graduating A. B. in 1855 and M. D. in 1859. He settled first at Petaluma, Sonoma co., Cal., but in July, 1863, he removed to Sacramento. He is a member of the Am. med. asso.; of the med. soc. of the State of Cal., and of the Sacramento soc. for med. imp., of which he is president. At various times he has contributed articles to the medical journals of California. In Sept., 1863, he married Mary, daughter of Gen. M. S. Laird, of Utica, N. Y.

TONER, JOSEPH MEREDITH, Washington, D. C., of a Lancaster co., Pa., family of Irish descent, was born in Pittsburgh, April 30th, 1825. His academic education was received at the Western univ., and at Mount Saint Mary's coll. His medical studies were pursued at the Vermont acad. of med. in 1850, and at the Jefferson med. coll. in 1853, from which he received his degree of M. D. He practised, successively, at Summit, and at Pittsburgh, Pa.; Harper's Ferry, Va., and finally at Washington, D. C., establishing himself in the last-named city in Nov., 1855. He is a member of the Am. med. asso., its president in 1873; of the med. asso. and med. soc. of the District of Columbia, having at various times filled the leading offices in both organizations; of the Am. pub. health asso., its president in 1874; a delegate to, and one of the vice-presidents of the International med. congress at Philadelphia in 1876; an hon. member of the N. Y. and Cal. State med. socs.; of the Boston gynæcol. soc., etc. Of his more important publications may be mentioned: "Abortion in a Medical and Moral Aspect," 1861; "Arrest of Development of the Cranial Bones—Epilepsy," 1861; "Maternal Instinct or Love," 1864; "Propriety and Necessity of Compelling Vaccination," 1865; "History of Inoculation in Pennsylvania," 1865; "Anniversary Oration before the Medical Society of the District of Columbia," 1866; "The Portability of Cholera and Necessity for Quarantine," 1866—joint paper with Chas. A. Lee, M. D; "History of Inoculation in Massachusetts," 1867; "Medical Register of the District of Columbia," 1867; "Address at Dedication of Medical Hall, Washington," 1869; "Statistics of Representation in the American Medical Association," 1870; "Necrology of the Physicians of the late War," 1870; prepared "Medical Register of the United States," 1871; "A Sketch of the Life of Dr. Charles A. Lee," 1872; "Statistics of the Board of Health in United States," 1873; "Free Parks or Camping Grounds, or Sanitariums for Sick Children of the Poor in Cities," 1873; "Facts of Vital Statistics in the United States, with Diagrams," 1872; "Statistical Sketch of the Medical Profession of the United States," 1873; "Statistics of the Medical Associations and Hospitals of the United States," 1873; "Address as President before the American Medical Association," 1874; "Dictionary of Elevations and Climatic Register," 1874; "Annals of Medical Progress and Education in America," 1874; "Contributions to the Study of Yellow Fever in the United States: Its Distribution, with Weather Maps," 1874; "Annual Oration before the Medical and Chirurgical Faculty of Maryland," 1875; "Address as President of the American Public Health Association," 1875; "Biographical Sketch of Dr. John D. Jackson," 1876; "Medical Men of the Revolution,—an Address before the Alumni of Jefferson Medical College," 1876; "Sketch of the Life of Dr. T. M. Logan," 1876; "Biography of Dr. John Morgan, of Philadelphia," 1876; "Address on Biography before the International Medical Congress," 1876; "Water Supplying of Cities—Public Health Association," 1876; "Notes on the Burning of Theatres and Public Halls," 1876; also addresses before various societies, colleges, etc. In course of preparation, "A Biographical Dictionary of Deceased American Physicians." Since 1856 he has been phys. to St. Joseph's male orphan asylum; was for a number of years phys. to St. Vincent's orphan asylum, St. Ann's infant asylum, and the Providence hospital—being

mainly instrumental in the founding, in 1861, of the last-named institution. In 1872 he founded the Toner lectures, placing three thousand dollars in the hands of trustees charged with the duty of annually procuring two lectures containing some new fact valuable to medical science. These lectures are held to be of such importance by the Smithsonian institution as to be included in its list of regular publications. In 1874 he placed a gold medal, struck at the U. S. mint and bearing his likeness, at the disposal of the faculty of Jefferson medical college to be awarded annually to the student producing the best thesis based upon original research. In the same year he established a medal to be granted annually by the faculty of the university of Georgetown, D. C., to the student who should collect and name the greatest number of specimens in any department of the natural sciences. In 1876 he offered his large medical and historical library to the medical profession of Pittsburgh, Pa., on the condition that a fire-proof building should be provided for the safe-keeping of the books; that the library should bear his name, and that a fund should be raised for procuring annually a lecture upon some medical subject. This matter is still in abeyance.

PLANCK, MILTON GODFREY, Schenectady, N. Y., was born at Sharon, Schoharie co., N. Y., Feb. 4th, 1842. He was educated at Cazenovia coll., and Union coll., graduating at the latter institution in July, 1867. He pursued the study of medicine with Dr. A. M. Vedder, of Schenectady, and graduated M. D. from the coll. of physicians and surgeons, New York, in March, 1870, settling immediately after at Schenectady. He is a member of the Schenectady co. med. soc., has been its secretary since 1872 and its censor since Jan., 1876, also chairman of its committee on hygiene, and member of its committee on vital statistics. He has held the position of city phys. for Schenectady. In June, 1871, he married E. A. Livingston, daughter of Stephen Livingston, of Johnstown, Fulton co., N. Y.

BURCH, JAMES DRUMMOND, Yazoo City, Miss., son of James Kerr and Maria (Drummond) Burch—the former born in Kentucky, the latter in Aloa, Scotland—was born in Georgetown, Ky., Feb. 1st, 1840. Graduating from Centre coll., Danville, Ky., in 1860, he attended lectures at Jefferson med. coll., Pa., in the winter of 1862-63, and at the Ky. school of medicine in 1863-64, being graduated M. D. from the latter institution. The session following his graduation he was elected demonstrator of anatomy and prosector to the chair of anatomy, which positions he held until 1867, when the Ky. school of medicine was merged in the med. dep't of Louisville univ. After the consolidation he successively held in the university the positions of demonstrator of anatomy, curator of the museum and ass't to the chair of anatomy. In 1869 he was elected prof. of anat. in the Louisville med. coll., and in the spring of 1871 resigned this chair and established himself as a general practitioner at Yazoo City. In the course of his practice he has operated successfully for vesico-vaginal fistula, for laceration of the recto-vaginal septum and for laceration of the perineum; has twice performed laryngo-tracheotomy, recovery in each case, and has performed various other capital operations. During his residence in Kentucky, he was a member of the Ky. State med. soc.; medico-chirurg. soc. of Louisville, and Clark co. med. soc., serving as secretary of the latter. He is a member of the Miss. State med. soc., vice-president in 1872; and of the Yazoo co. med. soc., secretary of the latter since 1872. He has contributed occasional papers to professional periodicals, and has been a considerable contributor to literary and political publications. He married, Oct. 6th, 1874, Florence, daughter of Col. John McAfee, of Mercer co., Ky.

BARTON, JAMES M., was born in Philadelphia, Oct. 6th, 1846. His education, preparatory to his professional studies, was received at the Philadelphia public schools; his degree of M. D. was granted by Jefferson med. coll. in March, 1866. Upon graduation, he established himself in practice in Philadelphia, making a specialty of surgery. He is a member of the county and patholog. socs.; was ass't demonstrator of anatomy to Jefferson coll. in 1868-69-70; res. phys. to the Episcopal hosp. in 1868-69; surg. to the Charity hosp. in 1869, and is at present lecturer on operative surgery to the Philadelphia school of anatomy.

BROWN, THOMAS RICHARDSON, Baltimore, Md., was born in Kent co., Md., April 6th, 1845. After receiving a preliminary education he continued his studies in the school of letters and school of medicine of the univ. of Md., graduating with the degree of M. D., March 4th, 1866, and soon after entered the U. S. navy as ass't surgeon. Resigning from this service in 1870, he commenced the practice of his profession in Baltimore, and still continues it. He was one of the first physicians to extensively use the aspirator as an element in diagnosis, and among

the first to introduce Esmarch's apparatus in this country. Diseases of the genito-urinary organs have claimed much of his attention since his entrance into private practice. He is now prof. of clinical and operative surgery, and diseases of the genito-urinary organs in the coll. of physicians and surgeons, at Baltimore, and secretary of the board of managers of the Maryland hospital for the insane, near Catonsville, Md. He is a member of the medico-chirurgical faculty of Md., serving as one of its board of examiners and as member of the section in surgery; and of the clinical, medical, surgical and pathological socs., and in the last has held several positions. Among his contributions to medical literature are papers on "Stricture Urethræ," on "Eclampsia," "Syphilitic Infection of the Mother through the Fœtus," "Initial Lesions of Syphilis," etc. He was married, Dec. 24th, 1864, to Harriet R. Carrington, daughter of the late John Carrington, of Virginia.

BIZZELL, WILLIAM DAVID, Mobile, Ala., was born, May 31st, 1850, in Greene co., Ala., his parents being James C. and Mary C. A. Bizzell. After receiving an academic education he commenced the study of medicine with Dr. D. H. Williams, at Gainesville, Ala., subsequently matriculating at the med. coll. of Ala., whence he graduated in March, 1873, taking the Nott medal, valued at one hundred dollars. First settling in Gainesville, Ala., he in 1874 removed to his present location. He is a member of the Ala. State med. asso., and a counsellor in that body since 1873. Is serving his second term as secretary of the Mobile med. soc. He has at various times contributed papers to the medical journals, the most important of which is an article on "Climate of the United States Considered with Reference to Pneumonia and Consumption," in the Transactions of the Alabama State Medical Association, 1875. Is demonstrator of anatomy in the med. coll. of Ala.; phys. to the county jail and to the almshouse. He was married, Feb. 25th, 1874, to Harriet, daughter of Thos. W. Sims, Esq., of Mobile.

RODMAN, WILLIAM B., Frankfort, Ky., of Irish-French descent, was born at Lagrange, Ky., Feb. 26th, 1845. After receiving an English and classical education, he entered the Jefferson med. coll., was graduated thence M. D. in March, 1865, and during the ensuing winter attended the clinics at Bellevue hosp., and a private course of lessons under Austin Flint, Sr. In Feb., 1866, in partnership with his father, the late Dr. Hugh Rodman, he entered upon the practice of his profession in Frankfort. During the past eleven years he has attended most of the surgical cases of Frankfort and vicinity, operating for strangulated hernia successfully; trephining several times; amputating at thigh, shoulder joint, besides minor operations. He is a member of the Am. med. asso.; of the Ky. State med. soc., recording secretary in 1871–72, and vice-president in 1877; and of the Transylvania district med. soc. Of his published writings may be mentioned: "Facts Concerning Pneumonia," *New York Medical Record*, March 13th, 1875; "Contagiousness of Puerperal Fever," *ibid.*, Aug. 14th, 1875; "Causes, Nature, and Treatment of Puerperal Fever," *ibid.*, Jan. 8th, 1876; "Two Cases of Pleuritic Effusion," *ibid.*, Feb. 24th, 1877; "Miasmatic-Infectious Pneumonia," *American Journal of the Medical Sciences*, Jan., 1876; "Treatment of Certain Injuries of the Head," *ibid.*, Jan., 1877. During the spring and summer of 1865 he served as surgeon, with the relative rank of major, to the 12th Ky. veteran vol. infantry. He married, May, 1868, Virginia, daughter of B. B. Sayre, formerly of Virginia, now of Frankfort, Kentucky.

REBER, WILLIAM McCLELLAN, Bloomsburg, Pa., was born at Lewisburg, Pa., March 4th, 1842. Educated at the Lewisburg univ., and at Jefferson med. coll., he was graduated M. D. from the latter institution in March, 1863; served for nearly six years as an ass't surg. in the U. S. navy, and since 1869 has been established at Bloomsburg. He is a member of the Columbia co. med. soc., secretary since 1870; and of the Pa. State med. soc. He married, Sept. 12th, 1872, a daughter of David McKinney, Esq., of Bloomsburg, Pa.

ROTHROCK, JOSEPH TRIMBLE, Philadelphia, Pa., was born, April 9th, 1839, at McVeytown, Mifflin co., Pa., his parents being Dr. A. and Phebe (Trimble) Rothrock. After receiving an academical education he entered the Lawrence scientific school of Harvard univ., graduating in 1864, and subsequently the med. dep't of the univ. of Pa., graduating with the degree of M. D. in 1868. Commencing the practice of his profession at Agricultural college, Centre co., Pa., he removed in 1870 to Wilkesbarre, where he continued till 1877, making a specialty of diseases of the eye and ear. In 1864–65 he was associated with the exploration party of the Western Union Extension Telegraph in British Columbia; and in 1873–75 was botanist and surg. to Lieut. Wheeler's exploration west of the 100th E. meridian. He

has been a member of the Canadian botanical soc.; Boston nat. hist. soc.; Philadelphia acad. of nat. sciences; Am. philo. soc. Among his contributions to medical literature are papers on "Atlo-axial Disease;" "Bromide of Potassium;" "Calabar Bean;" etc. He has also written upon botanical subjects, including papers on "Morphology of the Andræcium of Fumariaceæ;" "Revision of the North American Gaurineæ;" and a large portion of the botanical volume (vi.) of Lieut. Wheeler's "Surveys West of the One Hundredth E. Meridian." During the late civil war he entered the army as a private in company D, 131st reg., P. V., was wounded at Fredericksburg, and subsequently made capt. of company E, 20th reg., Pa. vol. cav. He was one of the founders of the Wilkesbarre hosp. In the summer of 1876 he successfully inaugurated a new idea in education by establishing "The North Mountain School of Physical Culture" in Luzerne co., for the training of youths. He was elected prof. of botany in the univ. of Pa., Jan. 2d, 1877. He was married, May 27th, 1869, to Martha, daughter of Addison and Elizabeth May, of West Chester, Pa.

TURPIN, CHARLES C., New Orleans, La., was born in New Orleans, Sept. 17th, 1829. He was educated in Paris at the St. Louis coll. and pursued his medical education at the faculty of Paris, graduating Bachelor of Sciences in 1834, and Doctor of Medicine in 1843, and settling in New Orleans, where he made a specialty of the diseases of women and children. He is a member of the Athénie Louisianais, and has at various times contributed to different medical journals. He has held the position of member of the board of health; of the med. board of the eastern dist. of Louisiana; of visiting phys. to the Charity hosp.; of administrator of the Charity hosp., and of that of principal phys. of St. Mary's orphan asylum, and of the convent of St. Croix.

SOLLY, SAMUEL EDWIN, Colorado Springs, Col., was born in London, Eng., May 5th, 1845. His father, who came from an old Kentish family, was the well known London surgeon, Samuel Solly, F.R.S., author of "The Human Brain" and other works. He was educated at Rugby school, and pursued his medical studies at St. Thomas hosp. med. coll., London, from which he graduated in 1867. He settled first in London, but on account of ill health left that city in 1874 and took up his residence in Manitou, Col. His specialty is diseases of the chest. He is a fellow of the Royal medico-chirurgical soc., London, and member of the Col. State med. soc. He has written a pamphlet on "Manitou, Colorado, its Climate and Waters," and has contributed various articles to the medical journals. He has held the positions of house surgeon to the St. Thomas hosp., med. registrar to the same institution, surg. to the Islington dispensary, med. officer of Locom. dep't, London, Chatham & Dover railway, med. sup't of Priory asylum, England; is physician to the Denver & Rio Grande railroad, and hon. secretary of the "Rocky Mountain Club,"—a scientific alpine club. He married, in 1872, Alma Helena, daughter of William Sandwell, Esq., of Blackheath, England. She died at Manitou in 1875.

SIMONS, MANNING, Charleston, S. C., son of the Hon. James and Sarah (Lowndes) Simons, and grandson of James Simons, a major in the cavalry troop commanded by Col. Wm. Washington during the revolutionary war, was born in Charleston, May 6th, 1846. Graduating from the Charleston coll. in 18—, he entered the med. coll. of the State of S. C., and from that institution received in March, 1868, his degree of M. D., establishing himself in the same year in practice in Charleston. He is a member of the med. soc. of S. C., elected secretary in 1869 and served five years; of the S. C. State med. asso.; and of the Am. med. asso. Among his published writings may be mentioned: "Report on Climatology and Epidemics of South Carolina," Transactions American Medical Association, vol. xxiii.; "Climate in its Relation to Production, Progress, Amelioration and Cure of Consumption," *American Medical Journal*, Jan., 1871. He was phys. to the first health district of Charleston; is now demonstrator of anat. in the med. coll. of the State of S. C. During the late war he served for one year as a private in the Confederate States army.

WADDEL, THOMAS, Toledo, O., was born in Seneca, Haldimand co., Canada West, Oct. 13th, 1843, of parents who came from the north of Ireland. He received his early education in the common schools of Canada, and studied medicine in the med. dep't of the univ. of Buffalo, 1866, 1867, and also at Wooster univ., 1870, 1871, and graduated in Feb., 1871, in Cleveland, where he commenced practice. He subsequently removed to Chardon, Geauga co., O., and two years after, in 1873, settled in Toledo. His specialty is diseases of women. He is a member of the Toledo med., and Northwestern, O., med. assos., corres. secretary of the former in 1875 and 1876; chairman of its examining

committee in 1876, and member of the judicial council, and chairman of the obstetric section in 1876 and 1877; also member of the Ohio State med. soc. He is the author of a report on "Maternal Impressions," *Detroit Review of Medicine*, Nov., 1876; "The Cause and Prevention of Repeated Abortion," *Toledo Medical and Surgical Journal*, Jan. and March, 1877; "Aconite Poisoning," *Lancet and Observer*, July, 1875; besides minor contributions to different medical society's Transactions. In 1870 and 1871 was prosector to the chair of anat. in the med. dep't of Wooster univ., and was valedictorian to the graduating class of 1871. He is one of the attending physicians to St. Vincent's hosp. of the sisters of charity, Toledo. In March, 1869, he married Lizzie, daughter of David Lawrence, Esq., of Iowa.

HOLDEN, EDGAR, Newark, N. J., a descendant of the Holdens, of Holden, Mass., was born at Hingham, Mass., Nov. 3d, 1838. Having graduated A. B. from Princeton coll. in 1859 (A. M. in 1862), he entered the coll. of physicians and surgeons, New York, and graduated in 1861—having commenced the study of medicine at Princeton. After the war he established himself in Newark. He pursued the study of his profession in Europe in the winter of 1870. He is a member of the N. J. State med. soc.; of the N. J. acad. of medicine; of the New York laryngolog. soc.; of the New York soc. for the advancement of science; and of the Am. med. asso. Of his more important professional publications may be mentioned "Loss of the Entire Scapula from Sloughing," *American Journal of Medical Science*; "Diseases of Men of War," *ibid.*, 1866; "Relation of Cancer and Tubercle," *ibid.*, 1868; "Successful Treatment of Asthma," *ibid.*, 1872; "Anomalies of Cardiac Pathology," *ibid.*, 1875; "Extraordinary Case of Intra-Cardiac Cyst," *ibid.*, 1876; "Ostracism for Consumption," *ibid.*, 1871; "Vaginal and Vulval Varices," *New York Medical Record*, 1867; "A Discovery in Physical Diagnosis," *ibid.*, 1876; "Unison Resonance in Auscultation," *ibid.*, 1876; "New Instruments for Detection and Prevention of Pulmonary Disease," *New York Medical Journal*, 1876; "Reflex Pharyngeal Neuroses due to Uterine Disease," *ibid.*, 1877; "Relation of Cardiac Pathology to the Sphygmograph," Transactions New Jersey State Society, 1871; "New Investigations in Respiratory Pathology," *American Journal of Medical Science*, 1877; "The Sphygmograph," a prize essay, New York College of Physicians and Surgeons, 1873, published in book form, Lindsay & Blakiston; etc., etc. Also various contributions to current periodical literature. In 1861 he entered the U. S. navy, ranking three in a class of sixty-one, and was commissioned ass't surg. In 1862 was surg. of the frigate Minnesota at the engagement with the Merrimac; was one year surg. of the monitor Passaic (his illustrated journal detailing her terrible experience off Hatteras, when the first monitor went down, having been published in *Harpers' Magazine*). Took part in the siege of Charleston; in the engagement with the ram Albemarle, etc., etc. Served until the latter part of 1864, when he resigned and entered the volunteer army, serving till the end of the war. Since 1869 he has been president of the med. dep't of the Mutual Benefit life insurance company. Since 1874 consulting surg. to St. Barnabas hosp. In 1871–72 clin. phys. for diseases of the throat to St. Michael's hosp., and in 1876 was member of the executive committee of the International med. congress, Philadelphia. He was twice married: in 1861 to Catharine, daughter of J. E. Hedden, Esq., of Orange, N. J., and in 1872 to Helen Stewart, daughter of John Burgess, Esq., of Orange.

HUNTER, CHARLES T., was born in North Bloomfield, Trumbull co., O., Jan. 13th, 1843. Receiving his preliminary education in New England, he entered the med. dep't of the univ. of Pa., graduating M. D. in 1868. Upon obtaining his degree he established himself in general practice in Philadelphia, where he has since remained. He is a member of the coll. of physicians, patholog. soc. and acad. of nat. sciences; is demonstrator of surgery to the univ. of Pa.; chief of the surgical clinic in the hosp. attached to that institution, and surg. to the outpatient dep't of the Pennsylvania hospital.

BERMINGHAM, EDWARD JOHN, New York, was born, Feb. 21st, 1853, at Dublin castle, Ireland, but has resided in the U. S. since 1856. He was educated in the public schools of New York; coll. of the city of New York; and coll. of physicians and surgeons, New York, whence he graduated Feb. 27th, 1873, upon which occasion he was the recipient of the "Otis' prize." After the usual time spent in walking the hosps. of New York, Dublin and London, he began practice as an ass't to his former preceptor, Dr. Willard Parker, in 1874; but this connection was soon after dissolved, and he has since been engaged in practice in the city of New York. He is a fellow of the New York acad. of medicine; a member of the med. soc. of the county of New York; and of the Med-

ical Journal asso.; and lecturer on diseases of the rectum in the Women's med. coll. He contributed about forty articles on subjects relating to his profession, to "Johnson's Universal Cyclopædia;" and is the author of several papers in medical journals, the more important being "A Contribution to the Etiology of Acute Cardiac Inflammations," "Recto-Urethral Fistula," "Perineal Laceration Treated by Immediate Operation," "Intra-Pelvic Phlegmonous Tumors," etc., etc. He is also the founder and editor of *Archives of Clinical Surgery*, and the founder of the *Hospital Gazette*. At various times he has served as phys. to the Colored hosp., Northern dispensary, Central dispensary, and Chapin home; and as surg. to the Central dispensary of New York.

WEST, M. CALVIN, Rome, N. Y., was born in Rome, N. Y., Sept. 11th, 1834, of ancestry which came from Vermont and Connecticut. He was educated in Rome acad., and pursued his medical studies in the med. dep't of the Mich. univ., whence he graduated M. D. in 1860, and settled in Hagerstown, Ind. In 1861 he removed to Floyd, N. Y., and in 1863 established himself permanently in Rome, where he soon obtained a large general practice, making the treatment of diseases of women a semi-specialty. He is a member of the Am. med. asso., and a member of the Oneida co. med. soc.—was vice-president of the latter in 1865 and chairman of its board of censors in 1876. He published "Cases of Hypodermic Medication" in the *Cincinnati Lancet* for 1861. He held the position for several years of phys. to the city of Rome, and during the war was for some time private in a regiment from Indiana under the first call for troops. He is director of the Central national bank of Rome, and trustee of the Rome cemetery asso. On Nov. 6th, 1861, he married Felicia H., daughter of Jessie Williams, Esq., of Rome, N. Y., who was the originator of cheese factories in this country.

WILLARD, DEFOREST, Philadelphia, Pa., was born in Newington, Hartford, Conn., March 23d, 1846. His ancestors are of Mayflower stock—1620. He received his early education at the Hartford public high school and passed an examination for Yale, but on account of a difficulty of sight did not enter that institution. He graduated M. D. at the univ. of Pa. in 1867, and Ph. D. at the same univ. in 1870. Settling in Philadelphia, he turned his attention especially to orthopœdic and general surgery. He is lecturer on orthopœdic surgery in the univ. of Pa.; surg. to the Howard hosp.; and is also a member of the patholog. and obstet. socs.; of the acad. of nat. sciences; and is vice-president of the soc. of the alumni of the auxiliary dep't of medicine of the univ. of Pa. He has contributed articles to the *Philadelphia Medical Times* on "Rupture of Axillary Vessels in Reduction of Old Dislocations of Humerus," appearing in that journal for Aug., 1873; and "Fusiform Aneurism of Anterior and Posterior Tibial Arteries Cured by Digital Pressure," *ibid.*, 1875; and also numerous hospital reports in the *Philadelphia Medical and Surgical Reporter*, 1872–1876. He was acting ass't surg. under the auspices of the U. S. sanitary commission at City point, 2d corps Base hosp. and Fair Grounds hosp., Petersburg, Va. During the recent Centennial celebration he was attending med. officer to the International exhibition.

WHITON, HENRY B., Troy, N. Y., was born in Lee, Berkshire co., Mass., Sept. 24th, 1827, of parentage who were among the first settlers in Massachusetts and Connecticut. He was educated by a private tutor, and at Galway acad., N. Y., Pultney acad., Vt., and Union coll., N. Y., and graduated M. D. at the Albany med. coll. in 1854. He settled at Elmira, N. Y., but in two years (1856) removed to Troy, in which city he has remained ever since, pursuing a general practice, but giving special attention to surgery, in which he has performed some of the principal operations. He is a member of the Rensselaer co. med. soc., has held all the offices therein; permanent member of the N. Y. State med. soc., censor for its eastern district; one of the curators of the Albany med. coll.; corres. member of the gynæcol. soc. of Boston; and has been delegate to the Am. med. asso. He has for the past eight years been attending phys. and surg. to Marshal infirmary and insane asylum, Troy. During the war he was actively engaged with the army of the Potomac, being in nearly all the battles down to that of Gettysburg, then with Sherman until the capture of Atlanta, and after that in the N. Y. hospital at Troy.

WALL, J. OWEN, Huntingdon, West Va., was born, Nov. 18th, 1845, in Fayette co., West Va.—his family removing in 1847 to Laurence co., O.—and is of English and German descent. He was educated at the Cheshire acad., O., Lebanon coll., O., med. coll. of Ohio, Cincinnati, Bellevue med. coll., New York, and as a private student of Prof. Hamilton, New York. He graduated at the med. coll. of Ohio in 1869, and at the Bellevue med. coll. in 1874. Locating at

Huntington, he has since continued there in the general practice of his profession, making a specialty of surgery. He is a member of the West Va. State med. soc., of which he was elected first vice-president in June, 1875, and delivered the annual address in June, 1876; and vice-president of the Ohio Valley med. asso. He has served as a member of the city council of Huntington, and as president of the board of health.

FOX, GEORGE, Philadelphia, Pa., was born, May 8th, 1806, in Philadelphia, his father being Samuel M. Fox, president of the Bank of Pennsylvania. Receiving a primary education at Wylie and Engel's school he entered the univ. of Pa., graduating from the dep't of arts in 1825, and from the med. dep't in 1828, when he commenced the practice of his profession in his native city. In 1828 he invented a bandage for fractured clavicle. He is one of the oldest members of the coll. of phys. Among his contributions to medical journals the most important have been upon the application of the proper means for retaining the fractured ends of the clavicle in position. He has served as surgeon to Wills' hosp., and to the Pa. hosp., and as director in various corporations. He was married in 1850 to Sarah, daughter of George Valentine, of Bellefonte, Pa.

GARRISON, CHARLES GRANT, Swedesboro', N. J., son of Dr. Joseph F. Garrison, and grandson of Dr. Charles Garrison, both of Swedesboro', was born in that town, Aug. 3d, 1849. Educated at the univ. of Pa. he was graduated B. A. from that institution in 1869, and M. D. in 1872. In the latter year he established himself in general practice in Swedesboro'. He is a member of the N. J. State med. soc., reporter since 1872; and of the Gloucester co. med. soc., secretary in 1875-76-77.

GLENN, WILLIAM ELLIS, Rolla, Mo., was born in Londonderry, Ireland, June 12th, 1833. He received his medical education at the Royal coll. of surgeons, Ireland, and at the univ of Md. and Baltimore, whence he graduated in March, 1856. He first settled at Pacific, Mo., then at St. James, and subsequently at Rolla, when he entered into general practice, but making a specialty of surgery. He was a vice-president of the med. asso. of the State of Mo., elected April, 1876; was also, during 1876, elected president of Rolla district med. soc., and is one of the curators of the univ. of the State of Mo. He has contributed articles on the treatment of variola with sarracenia purpurea; and on a new bandage and pad for fracture of clavicle to medical publications. He has held the position of health officer of Rolla, and also that of U. S. pension surg. During 1873 was a commissioner to the Vienna exposition from the State of Missouri.

MADDIN, THOMAS L., Nashville, Tenn., of Scotch-Irish descent, was born in Columbia, Tenn., Sept. 4th, 1826. Graduating B. A. in 1845 from Lagrange coll., he entered the med. dep't of the univ. of Louisville, and in March, 1849, received from that institution his degree of M. D. During the ensuing four years he practised in Limestone co., Ala., in partnership with Dr. Jonathan McDonald, with whom he had studied previously to entering the university, and in April, 1853, established himself in Nashville. He has successfully performed the various capital operations in surgery—ovariotomy; ligation of the external iliac, femoral, circumflex and hypogastric arteries, all in one operation; ligation of left sub-clavian artery; hip-joint amputation in a child about two years old; removal of superior maxillary with palate, portion of palate bones, and floor of orbit, etc. From 1856 to 1858 he was prof. of anatomy, and from 1858 to 1861 prof. of surgery in Shelby med. coll., Nashville; from 1868 to 1873 prof. of institutes of medicine in the univ. of Nashville; and since 1873 prof. of institutes and practice of medicine and clinical medicine in the same institution, and also from that date prof. of the same branch in the med. dep't of Vanderbilt univ. He is a member of the Nashville med. soc.; Tennessee State med. soc.; Am. med. asso.; and was a delegate in 1876 to the International med. congress at Philadelphia. During the late war he was in charge of a Confederate States army surg. hosp. at Nashville until the surrender of the town in 1862. He has devoted his entire energies to the cultivation and practice of medicine.

OTT, ISAAC, was born in Northampton co., Pa., Nov. 30th, 1847. His lay education being completed, he entered the univ. of Pa., and received his degree in March, 1869, and then became a resident physician in St. Mary's hosp. He subsequently studied at the universities of Leipsic, Würzburg and Berlin. Returning to this country in 1873, he was appointed demons. of experimental physiol. at the univ. of Pa. In 1876 he removed to Easton, Pa., where he has since remained. He is a member of the Northampton co. and of the State med. associations; and is a corres. member of the Atlanta med. acad. He has contributed

largely to medical literature, his best known articles being papers upon "Physiological Action of Congress, Gettysburg and Adirondack Waters;" "Action of Mebain, Gelsemia, Lycoctonia and Lobelina;" "Notes on the Physiology of the Respiratory Apparatus;" "Poisonous Mushrooms;" "Reflex Action of Tendons;" and a volume entitled "Cocain, Veratria and Gelseminum, Toxicological Studies"—Lindsay & Blakiston, 1874.

LOWMAN, JOHN H., Cleveland, O., was born in Cleveland, O., in 1849; graduated at the Wesleyan univ. in 1871, receiving from the same institution the degree of A. M. in 1874; was house surg. in the Charity hosp. at Cleveland from 1872 to 1874; and graduated M. D. in 1873 from the med. dep't of Wooster univ. at Cleveland, receiving in 1877 the degree of M. D. from the coll. of phys. and surg. of New York city. He began the general practice of medicine and surgery in Cleveland in 1875, and has remained there. He makes a specialty of diseases of the throat and air passages. He is a member of the Cuyahoga co. med. soc.; and of the Ohio State med. soc. In 1874–75 he was house surgeon of Charity hosp., Blackwell's island, New York city; in 1875 lecturer on mat. med. in the med. dep't of Wooster univ.; and in 1876 prof. of mat. med. and therap. in that institution. In 1876 appointed one of the visiting board of phys. and surg. of Charity hosp.

MURRAY, WILLIAM WILKINSON, Baltimore, Md., was born, July 20th, 1845, in Southampton co., Va., his father, an M. D. of Edinburgh univ., being Scotch-Irish, and his mother a native of this country. After receiving an academic education, he entered the univ. of Va., subsequently matriculating in the Rotunda lying-in hosp., Dublin, of which he is a licentiate of date of Sept. 18th, 1868, and in the Queen's univ. in Ireland, whence he graduated with the degree of M. D., Oct. 14th, 1869. Returning to this country, he located in Norfolk in 1870, but in the following year removed to Baltimore, where he is still engaged in the general practice of his profession. He formerly occupied the chair of mat. med. and therap. in the coll. of phys. and surg. in that city. He is the president of the Baltimore med. and surg. soc., and a member of the med. and chirurg. faculty of Md. The most important of his contributions to medical literature are "Gelseminum as an Anti-Periodic," in the *Medical and Surgical Reporter*, Jan. 25th, 1873; "Cases Illustrating the Employment of Venesection," same journal, Aug. 21st, 1875; "Case of Post-Mortem Parturition," *Virginia Medical Monthly*, Sept., 1875; "Digestion and its Disorders," same journal, Feb., 1877. He is a member of the Baltimore school board. He was married, March 3d, 1870, to Susie S., eldest daughter of Hon. John R. Kilby, of Suffolk, Va.

FIELD, NATHANIEL, Jeffersonville, Ind., was born in Jefferson co., Ky., Nov. 7th, 1805. He is a son of Abner Field and Jane Pope, both natives of Virginia, from which his father, who had been a soldier in the war of the revolution, emigrated to Kentucky in 1784. He was educated in the best schools that Kentucky afforded at the beginning of this century, and studied medicine at the old Transylvania med. school in Lexington, the first medical school in the West, of which he is a graduate. He first settled in north Alabama, where he practised three years, after which he returned to Kentucky, and in the fall of 1829 settled permanently at Jeffersonville, Ind. He is a member of the Am. med. asso.; the Ind. State med. soc., of which he was elected president in May, 1867; and the third Congressional district soc. of Ind., of which he was elected president in May, 1876. His literary contributions to medicine embrace essays published in the Transactions of the State med. soc., and several articles in the *Indiana State Medical Journal*. In 1838 he was a member of the Ind. legislature. He was one of the first anti-slavery men of the West; inherited several valuable slaves and soon afterward emancipated them. In the civil war he was principal surg. of the 66th reg. of the Ind. vol. infantry. He was married, Nov. 27th, 1827, to Sarah Ann Laws, of Louisville, Ky., who is still living, and should both live till the 27th of the coming November they may celebrate their golden wedding.

INGHAM, JAMES VERREE, Philadelphia, Pa., was born, July 5th, 1843, in that city. He studied in Williams coll., and in the med. dep't of the univ. of Pa. He graduated at the latter M. D. in 1866, and settled in Philadelphia. He is a member of the Am. gynæcol. soc., and of the obstet. and pathol. socs.; and fellow of the coll. of phys.; editor of the American supplement of the *Obstetrical Journal of Great Britain and Ireland;* obstetrician to the State hosp. for women and infants.

McCLURE, WILLIAM WALLACE, was born in Philadelphia, Sept. 3d, 1842. After receiving his preliminary edu-

cation he entered Jefferson med. coll., graduating thence in 1864; establishing himself in Philadelphia, he restricted his practice so far as practicable to the treatment of diseases of the eye, his studies while at Jefferson and subsequently to graduation having been directed in great part to ophthalmology. He is at present surg. to the Wills' eye hosp., and to the ophthalmic section of the Presbyterian hosp.

DAWSON, BENJAMIN F., New York, paternally descended from the Dawsons of Devonshire, England; maternally from the well-known Osborn family of medical men, of which the most prominent member was Dr. John C. Osborn, prof. of institutes of medicine (1808), in the New York coll. of phys. and surg.—was born in New York, June 28th, 1847. After receiving an academical and partial collegiate education—two terms at Columbia coll.—he entered the coll. of phys. and surg., graduating thence in 1866. While still a student he served as acting ass't surg. in the U. S. army during the last year of the rebellion. Upon graduation he established himself in New York, making special study of obstetrics and diseases of women and children. He is a member of the New York obstet. soc.; of the New York co. med. soc.; of the New York acad. of sciences, and a fellow of the New York geographical soc.; also corres. member of the Boston gynæcol. soc., and hon. member of the Cal. State med. soc. In 1868 he founded, and until 1874 edited, the well-known *American Journal of Obstetrics and Diseases of Women and Children*, and to this and to other professional periodicals he has been a constant contributor. Among his more important publications may be mentioned a translation in 1868, in conjunction with the late Prof. Joseph Kamerer, of "Klob's Pathological Anatomy of the Female Sexual Organs;" an American edition of "Barnes' Obstetric Operations" (1870), with additions; and monographs entitled "The Use and Comparative Merits of the Bichloride of Methyline as an Anæsthetic," 1874; "The Relations Between Alimentation and the Gastro-Intestinal Disorders of Infants and Young Children," 1875. In 1876 he invented, and published an account of a new galvanic battery for galvano-caustic surgery; the superior qualities of this battery in all respects has done much to advance this branch of surgery.

LEALE, CHARLES AUGUSTUS, New York, was born in New York, March 26th, 1842. His professional education was received at Bellevue hosp. med. coll., whence he graduated M. D. in Feb., 1865. Previous to his graduation he served as a med. cadet in the U. S. army, was subsequently appointed ass't surg. of the U. S. vols., being connected in all with the med. dep't of the army for two years. He was stationed in Washington at the time of the assassination of President Lincoln, and was the first to come to his assistance after he had been shot, and at the special request of Mrs. Lincoln took charge of him, and was with him until his death. In 1866 he made a professional visit to Europe, attending the clinics of the leading hosps. in the several capital cities, and in 1866 returned to America and established himself in New York. He is a member of the Am. med. asso.; and of the New York patholog., necrolog., co. med., and Northwestern med. and surg. socs.; president of the last-named in 1872; fellow of the New York acad. of med., secretary to the obstetrical section in 1870–71–72–73–74; member of the New York Medical Journal asso., and president in 1875-76 of the alumni asso. of Bellevue hosp. med. coll. He has published pamphlets upon "Thoracentesis," and upon "Fatty Degeneration of the Placenta;" and has read papers before the New York acad. of med., which are published in their Transactions of 1874–75. He married, Sept. 3d, 1867, Rebecca Medwin, daughter of John Copcutt, Esq., of New York, and has four children living.

STACKPOLE, PAUL A., Dover, N. H., was born in Rochester, N. H., Feb. 12th, 1817. He received his education at Andover, Mass., and at the Dartmouth coll. med. institution, graduating from the latter in Nov., 1842, and settling in Dover, where he has been largely engaged in midwifery and general practice. He is a member of the N. H. State med.; the Mass. State med.; the Strafford district (N. H.); the Essex north district (Mass.) socs., and was president of the one first named, and of the Strafford district soc. He married, July 9th, 1845, Elizabeth G., daughter of Charles P. Hills, of Haverhill, Mass. She died on June 13th, 1853, leaving two sons, a girl having died.

COFFMAN, VICTOR H., Omaha, Neb., was born, Sept. 10th, 1839, at Zanesville, Ohio. He is of German descent on his father's side, and of Irish on his mother's. He was educated at the Iowa Wesleyan univ., Mt. Pleasant, Iowa; studied medicine at the Chicago med. coll. for two years, and subsequently at the Jefferson med. coll., Philadelphia, from which he graduated in March, 1865. Before the civil war he practised at

Indianola, Iowa, in partnership with Dr. C. W. Davis, but after the war, in 1867, settled in Omaha. He is a member of the Neb. State med. soc., and for ten years was a member of the Omaha med. soc., of which he was president one year, resigning his membership in Feb., 1877, however, to organize the Omaha patholog. and sanitary soc., of which he is a charter member In Aug., 1862, he entered the army as an ass't surg. of the 34th Iowa infantry, serving with the reg. and on duty in the general hosp. at Vicksburg, Miss., till 1863, when he was promoted to the surgeoncy of the reg., and in 1864 was brevetted lieut.-colonel, continuing in the service till the close of the war.

BURKE, GEORGE W., New Castle, Ind., was born in Greencastle, Franklin co., Pa., Feb. 22d, 1842. His ancestry is German and Irish. He was educated in the high school at Greencastle and at Chambersburg, receiving his medical education at the Jefferson med. coll., Philadelphia, from which he graduated in 1865. Commencing first in Baltimore, he removed in 1866 to New Castle, thence to Sulphur springs, county of Henry, Ind., and finally returning to New Castle, settled there in April, 1870. His specialty is surgery, and among the operations of importance performed by him was one for impermeable stricture of the urethra, successfully. He has also performed amputation at hip-joint, but as the patient who was a soldier had to be hauled in an ambulance very shortly after, his life was not saved. He is a member of the Ind. State med. soc.; of the Henry co. med. soc., being president of the latter for 1872. Various contributions to medical literature from his pen have appeared in the *Western Journal of Medicine.* Among the public offices held are those of town councilman and trustee of the high school of New Castle. His military record is as follows: entered 9th Pa. vols. as hosp. steward; resumed his medical studies at the end of three months, re-entering the service as ass't surg. of the 46th Pa. vols. in Aug., 1862; served in field and hosp. until autumn of 1863; accompanied the 12th army corps (that with which he had been connected) when it was ordered to the dep't of the Cumberland, and reorganized under the name of the 20th, Gen. Hooker; entered the hosp. at Murfreesboro', Tenn., and the general field hosp. at Chattanooga; then rejoining his command after the capture of Atlanta, was with Gen. Sherman on his march to Savannah. He was mustered out in Washington in July, 1865. In April, 1870, he married Belle, eldest daughter of Jacob Shook, Esq., of Greencastle, Pa.

STURGIS, FREDERIC RUSSELL, of New York, was born at Manilla, island of Luzon, Philippine islands, July 7th, 1844. His parents are English and American. He received his education partly in England and partly in a private Latin school in Boston, also at Harvard coll. He graduated in medicine in July, 1867, and settled in New York city. His specialty is venereal and skin diseases He is a member of the med. soc., county of New York; the New York ophthalmolog. soc.; the New York dermatolog. soc.; the Am. public health asso., and the Medical Journal asso. of the city of New York. Of this latter society he was elected treasurer, Dec. 1st, 1876. He is the author of papers on various medical subjects, some among these being "On the Etiology of Hereditary Syphilis," *New York Medical Journal*, 1871 and 1873; and *Chicago Medical Journal and Examiner*, 1876; "On the Prognosis of Syphilis," *American Journal of Medical Sciences*, 1873; "What Effect does Syphilis have upon Duration of Life," *New York Medical Record*, 1874; "Scleritis Syph. *Arch. of Dermatology*," 1875; "Relations of Syphilis to the Public Health" (reports of Am. public health asso., vol. 2, 1876). He holds the position of surg. to the Charity hosp., Blackwell's island—dep't of venereal and skin—and to the same dep't in the New York dispensary. He is also clinical lecturer on venereal diseases in the med. dep't of the univ. of the city of New York. He married, in April, 1870, Martha De W., daughter of Capt. S. F. Hazard, U. S. N., of Newport, R. I.

WATERMAN, LUTHER DANA, Indianapolis, Ind., was born in Wheeling, Va., of American parentage. His literary education was obtained at Miami univ., Oxford, O.; and his medical education at the med. coll. of O., where he graduated in 1853. He first established himself in practice in Cincinnati, where he remained till 1855, then removed to Kokomo, Ind. In 1861 he entered the army. In 1864 he settled in Indianapolis. He is a member of the Am. med. asso., the Ind. State med. soc., and the Marion co. (Ind.) med. soc. His contributions to medical literature have been articles in medical journals, and papers read before societies. During the war he was for three years surg. to the 8th Ind. cavalry (39th reg.), during which period he was med. director of the 2d, and subsequently the 1st division of the (old) 20th army corps, dep't of the Cumberland; also surg. to the officers' hosp. at Nashville, Tenn. He also had charge of hosps. at Huntsville, Ala.; Bridge-

port, Tenn., and at Chattanooga, Tenn. He was captured at Newman, Ga., and imprisoned at Macon, and at Charleston, S. C. He has been one of the surgs. of the city hosp., Indianapolis, Ind. He was one of the corporators of the Indiana med. coll., prof. of anat. there from 1869 to 1873, and prof. of principles and prac. of med. from 1875 to 1877. He was elected president of the Indiana State medical society in 1877.

CALDWELL, JOHN JABEZ, Baltimore, Md. (name anciently Colville), of French-English descent, son of John Sipple and Rebecca Baker (Whitethorne) Caldwell—the former a grandson of Capt. Jonathan Caldwell, who raised and commanded during the revolutionary war the company known as the "Blue Hen's Chickens;" the latter a lineal descendant of William Penn—was born at Oak Hill, New Castle co., Del., April 28th, 1836. His professional education was received in the New York med. coll., and in Bellevue hosp., his degree of M. D. being conferred by the former institution in 1860. Until 1862 he practised in New York; from 1866 to 1873 at Brooklyn, and since Jan., 1873, has been established in Baltimore. While engaging in a general practice, he has given especial attention to the treatment of diseases of the nervous system. He is a member of the Kings co., N. Y., med. soc.; of the New York therap. soc.; of the med. and chirurg. faculty of Md.; of the med. and chirurg. soc. of Baltimore; hon. member of the Maryland and District of Columbia dental soc.; life-member of the Long Island historical soc.; and permanent member of the Am. med. asso. In 1867–68 he was surg. in charge of the Brooklyn central dispensary, and was one of the med. officers of the Brooklyn board of health during the cholera epidemic of 1866–67. Of his professional publications may be mentioned: "Carbolic Acid as an Embalmer," *Boston Medical and Surgical Journal*, 1867; "Electrolysis of Tumors and other Cell Tissues," *New York Medical Journal*, 1872; "Cauterization and Nitro-Muriatic Acid as a Prevention of Rabies," *ibid.*, 1873; "Treatment of the Air Passages by Medicated Spray—with Cases," *ibid.*, Feb., 1873; "Bright's Disease of the Kidneys—with Cases," *Philadelphia Medical and Surgical Reporter*, July, 1873; "Comparative Pathology of Cholera, Yellow Fever and Malignant Malarial Fever," *ibid.*, Sept., 1873; "The Spectrum Microscope in the Parasitic World," *ibid.*, Nov., 1873; "Remarks on Hydrophobia," *ibid.*, Oct., 1874; "Pathology of Clubfoot, etc.," *ibid.*, 1874; "Electricity as a Restorative Agent in Narcosis and Asphyxia," *Virginia Medical Monthly*, Nov., 1874; "History of Electro-Therapeutics, with Experiments, etc.," *Baltimore Physician and Surgeon*, Dec., 1874; "The Introduction of Damiana," *Virginia Medical Monthly*, March, 1875; "Potency and Impotency, with Cases, Remarks and References," *Cincinnati Clinic*, July, 1875; "Palsy Agitans Successfully Treated," *Virginia Medical Monthly*, April, 1876; Cases Infantile Paralysis, etc.," *Chicago Journal Nervous and Mental Diseases*, April, 1876; "A New and Successful Treatment of Pertussis" (*Boston Medical and Surgical Journal*, April, 1871, Nov., 1874, June, 1876), Transactions American Medical Association, 1876. From 1862 to 1866 he served as an acting ass't surg. in the U. S. army, being employed in hospital and in the field. He married, Jan. 5th, 1865, Anna Ridgeley, daughter of R. Horace Love, Esq., of Valley Vue, Baltimore co., Md.

HEYL, ALBERT GALLATIN, Philadelphia, Pa., was born, Oct. 2d, 1847, in that city, his parents being Francis and Catharine Heyl. After receiving an academic education he entered and passed through the sophomore class of the univ. of Pa., and subsequently the med. dep't of the same institution, graduating with the degree of M. D. in the spring of 1870. He soon after commenced the practice of his profession in his native city, where, with the exception of twenty months spent in Vienna, London and Heidelberg, he has continued, making a specialty of diseases of the eye. He is a member of the Am. ophthalm. soc. Among his contributions to med. literature the most noteworthy are "A Case of Uræmic Amblyopia," in the *American Journal of the Medical Sciences*, Oct., 1874; "Case of Hypaemia following Lens Discission," in the *Philadelphia Medical Times*, Jan. 2d, 1875; and a paper on "Coloboma of the Crystalline Lens," read before the International ophthalmological congress, New York, Sept., 1876.

BULKLEY, LUCIUS DUNCAN, New York, was born in that city, Jan. 12th, 1845, his parents being Dr. Henry D. and Juliana (Barnes) Bulkley. After receiving an academic education he entered Yale coll., whence he graduated in 1866, and subsequently the coll. of physicians and surgeons, New York, graduating with the degree of M. D. in 1869. After serving as interne at the New York hosp. in 1869–70, he visited Europe and spent a year in London, Paris and Vienna in the study of dermatology. He has since continuously resided in his native city, confining his practice exclusively to dis-

eases of the skin. He is a member of the Am. med. asso.; Am. dermatological asso., elected secretary, Sept. 7th, 1876; New York acad. of medicine; New York co. med. soc.; New York Journal asso.; New York soc. of neurology; and the New York dermatological soc. (serving as secretary, 1871–76.) He is the translator and editor of Neumann's "Hand-Book of Skin Diseases;" editor of "Archives of Dermatology;" and the author of monographs on "The Management of Eczema;" "The Use and Value of Arsenic in Diseases of the Skin;" "Acne, its Etiology, Pathology and Treatment;" etc. He is attending phys. to the skin dep't, Demilt dispensary, New York; prof. of diseases of the skin, women's med. coll. of the New York infirmary; lecturer on skin diseases, Albany med. coll.; visiting phys. to hosp. for epileptics and paralytics, Blackwell's island, New York. He was married, May 28th, 1872, to Kate La Rue, daughter of Andrew D. Mellick, of Bergen Point, N. J.

SINKLER, WHARTON, Philadelphia, was born in Philadelphia, Aug. 7th, 1845. He was matriculated at the univ. of S. C., and went through the freshman's year, when, the institution having been closed on account of the war, his studies were interrupted. Subsequently he entered the med. dep't of the univ. of Pa., from which he graduated March 13th, 1868. He settled in his native city He is a member of the obstet. soc. of Philadelphia; has been a member of the coll. of phys. since 1872; and since 1868 of the patholog. soc., of which he was treasurer from 1870 to 1876. He was one of the editors of the third edition of Wharton and Stillé's "Medical Jurisprudence;" and is the author of a paper on "Infantile Paralysis" in the *American Journal of the Medical Sciences*, and of several papers in the *Philadelphia Medical Times*, and the *Medical and Surgical Reporter*. He is phys. to the Episcopal hosp., and also to the Orthopœdic hosp., and the infirmary for nervous diseases.

SIMONS, THOMAS GRANGE, Charleston, S. C., was born in Charleston, May 10th, 1843. His father, T. Grange Simons, and mother, Mary Ann (Bentham) Simons, were of French-Huguenot ancestry, who settled in S. C. after the revocation of the edict of Nantes. He was educated in Charleston coll. and at the med. coll. of S. C., graduating M. D. at this institution in March, 1867, and commencing professional life in Charleston. He is a member of the med. soc. of S. C., and of the soc. for the relief of the widows and orphans of deceased members of the med. profession; also of the State med. asso., of which he was secretary from 1871 to 1875 and is now its treasurer. He is the author of a report on a case of "Atresia Vaginæ" in Transactions of the State Medical Association for 1872. He was one of the city phys., and phys. to Charleston city hosp. from 1871 to 1875; ass't demons. in anat. from 1872 and 1873 in med. coll. of S. C.; and phys. to the dispensary. During the war he served as non-commissioned officer to the Washington light infantry, 25th S. C. vols.; was wounded at Secessionville in 1862, and was captured and paroled by Sherman in 1865.

BROWN, BUCKMINSTER, Boston, Mass., born in Boston, July 13th, 1819, was the son of Dr. John B. Brown, who introduced subcutaneous tenotomy into New England, and the grandson of a distinguished physician who resided in the vicinity of Boston. His maternal grandfather was Dr. John Warren, first prof. of surg. in Harvard coll., and his granduncle, Dr. (Gen.) Joseph Warren, who was killed at Bunker Hill in 1775. He graduated at Harvard med. coll. in 1844, and settled in Boston after travelling in Europe in 1845 and 1846, continuing the prosecution of his studies and turning his attention especially to orthopœdic surgery under the guidance of Dr. W. J. Little, of London, Drs. Jules Guérin and Bouvier, of Paris, and Prof. Strohmeyer, in Germany, and visiting the large establishments in England, France and Germany. To this branch of the profession, after several years general practice, he gradually devoted his chief attention. He has operated successfully upon diseased and angular hips, contracted knees, clubfeet, etc., and has invented an apparatus for the treatment of sequelæ of hip disease as well as for spinal deformities and deformed knees, bow legs, clubfeet, etc. He is a member and was formerly librarian of the Boston soc. for med. imp.; member and formerly treasurer of the Boston med. asso.; of the Mass. med. soc.; of the Suffolk district med. soc., etc. He has been surg. for twelve years of the house of the Good Samaritan. He has contributed to the *American Journal of Medical Sciences* a paper on "Carious Disease of Cervical Vertebræ," with a notable case and a minute description of post-mortem appearances, fractured odontoid, etc., 1853; also in the same journal for 1847, a paper on "Treatment of Cretins and Idiots;" in the *North American Review*, for April, 1856, a paper on the "Poetry of Anatomy;" an article on "The Pathological and Physiological Effects of Ethereal Inhalation," with results of experiments on animals; and other contributions

to the *Boston Medical and Surgical Journal*. In 1868 he published a work on "Cases in Orthopœdic Surgery," with photographic plates; also, "Femoral Aneurism Cured by Direct Compression while the Patient was Taking Active Exercise," 1875. In 1861 "A Memoir of Dr. John Warren," published in "Lives of Eminent American Physicians and Surgeons of the Nineteenth Century. Edited by Dr. S. D. Gross." In 1855 he delivered an address before the Suffolk district med. soc. on "Ectopia Cordis." In May, 1864, he married Sarah A., daughter of J. Warren Newcomb, Esq., and great-granddaughter of Gen. Joseph Warren.

BARTLETT, EDWIN WILCOX, Milwaukee, Wis., of Scotch and English descent, was born at Jericho Centre, Vt., and educated at the univ. of Vt., from the med. dep't of which he graduated in June, 1866. He first settled at Flatbush, Kings co., N. Y., whence in 1870 he removed to Milwaukee, having spent eighteen months in the Kings co. hosp., and afterwards three years in Europe. Ophthalmology and Otology constitute his specialty. He is a member of the Milwaukee med. soc.; the Wisconsin State med. soc.; the Wisconsin acad. of sciences, arts and letters, and the Wisconsin natural history soc. His contributions to medical literature have been confined to annual reports. He is an atten. phys. to the Milwaukee city dispensary, as also to the eye and ear hosp. and infirmary.

BOISNOT, JAMES M., Philadelphia, was born in Somerset co., N. J., July 20th, 1836. Educated in Trenton, N. J., at Carlisle, N. Y., seminary, and in the univ. of Pa., he graduated M. D. from the latter institution in March, 1858, and in the same year established himself in practice in Philadelphia. In 1863 he lectured on operative surgery in the Phila. school of operative surgery. He is a member of the northern med. and Phila. co. med. socs. His publications have been confined to contributions to professional periodicals; among his more important papers may be mentioned the report of a case of double dislocation of the hip-joint, successfully reduced by manipulation, *American Journal of Medical Sciences* for July, 1866. In July, 1861, he became surgeon of the 98th reg. Pa. vols. In 1863 served in the Sixteenth and Filbert, Twenty-third and Filbert, and Turner's lane hosps. In 1875 he founded the new Phila., Pa., school of anatomy and operative surgery, Hunter street, above Tenth and Market. His invention of surgical appliances are apparatus for fractures of the clavicle and patella, with extension apparatus in cases of resection of bones of the leg. The last, as applied to entire removal of the tibia, proving its utility by successful results.

SWENEY, WILLIAM WILSON, Red Wing, Minn., of (paternally) English descent, was born at Milton, Pa., Dec. 18th, 1818. Having received an academical education, he entered the Rush med. coll., Chicago, and was graduated thence M. D. in Feb., 1851. Previously to his graduation he read medicine under, and—in 1848–49–50—practised with, Dr. A. B. Hull in Fulton co., Ill. After receiving his degree he practised in St. Paul, removing thence to Red Wing in May, 1852. He is a member of the Minn. State med. soc., vice-president in 1872, president in 1873; chairman for several years of the committee on climatology and disease; and of the Goodhue co. med. soc. president in 1872. His most important professional publications have related to the climatology and diseases of Minnesota, the result of his investigations in these directions being summed up in a paper entitled, "Epidemics and Endemics of Minnesota" (prize essay), published in a condensed form in the Transactions of the State med. soc. for 1870. In the Transactions for the same year is a paper (also prize essay) upon "Cerebro-Spinal Meningitis." In 1857 he was elected to the Territorial legislature; since 1868 he has been a member of the Red Wing city council. He married, Dec. 29th, 1841, Maria, daughter of Richard Freeborn, Esq., of Fulton co., Ill.

BRYCE, PETER, Tuscaloosa, Ala., was born, March 5th, 1834, in Columbia, S. C. His father was a native of Glasgow, Scotland, his mother of South Carolina. He received his preparatory education in Columbia, S. C., and in Jan., 1852, entered the South Carolina military academy at Charleston, from which he graduated with distinction in 1855, subsequently reading medicine for nearly two years with Dr. Samuel Fair, a distinguished surgeon of Columbia, S. C., and entering in the fall of 1857 the med. dep't of the univ. of the city of New York, at which he graduated in the spring of 1859, having received from Prof. Metcalfe the first prize for the best record of his medical clinic. In the spring and summer of 1859 he visited the hospitals of London and Paris, and, returning in the fall, accepted the position of first ass't phys. in the South Carolina asylum for the insane. While filling this place, he was invited to fill a vacancy in the medical staff of the New Jersey hosp. for the insane at Trenton, which invitation he accepted, retaining his place on

that staff until his election in July, 1860, as superintendent and phys.-in-chief of the Alabama insane hosp. at Tuscaloosa, a position he now holds. He has made a specialty of diseases of the mind and nervous system. He is a member of the Tuscaloosa co. med. soc., of which he is president; and of the med. asso. of Ala., of which he is a counsellor, and of which he was president in 1876–77, and again in 1877. He has frequently been appointed a delegate to the Am. med. asso., and was a delegate in attendance on the late International med. congress in Philadelphia. He is president of the historical soc. of Alabama. Throughout the civil war he remained at his post in Tuscaloosa. He was married, in Nov., 1860, to Eilen Clarkson, daughter of Col. Thos. B. Clarkson, of Columbia, S. C.

GROVE, JOHN H., Philadelphia, was born in East Donegal township, Lancaster co., Pa., Jan. 13th, 1825, of American parentage, whose ancestors arrived in this country in 1712. His early education was obtained at the Susquehanna institute and Burnett institute, Marietta, Pa., and his medical studies were pursued at the univ. of Pa., whence he graduated in 1849. He commenced practice in Marietta, and continued there till he entered the army in 1861. In 1866 he settled in Philadelphia in surgical practice. He is a member of the Am. med. asso.; of the pathol. soc. of Philadelphia, and of the Phila. co. med. soc.; also fellow of the coll. of phys. of Philadelphia. He has at various times published reports of clinical cases. In the war of the rebellion he held the position of volunteer surgeon with the rank of major, and was brevetted lieutenant-colonel in 1865. He is surgeon to St. Mary's hosp., and formerly was in charge of the clinic for diseases of women and children, and also for eyes and ears in the same institution. In Jan., 1856, he married Marinda, daughter of Jacob Stahl, Esq., of Marietta, Pa.

CUTTING, HIRAM A., Lunenburg, Vt., son of Stephen C. Cutting and Eliza R. Darling Cutting, was born at Concord, Vt., Dec. 23d, 1832. He was educated at St. Johnsbury acad., Vt., receiving the degree of A. M. from the Norwich univ., and studied medicine; received degree of M. D. from med. dep't of Dartmouth coll., N. H., from which he graduated in 1865. He at once settled permanently at Lunenburg, Vt. His life has been largely devoted to study, especially to the study of the microscope and microscopic anatomy, geology, and the atmosphere and its phenomena. He is a member of the Dartmouth microscopical club, of which he is secretary; the Vt. med. soc.; the White Mountains med. soc.; the Am. asso. for the advancement of science; the naturalists' soc. of Rome, Italy, and some dozen other societies, scientific and medical. He has published several papers on "Ozone," and also on natural history and microscopy. He is State geologist of Vermont; curator and manager of the State cabinet, and examining surgeon of the U. S. pension office. During the civil war he acted as a recruiting officer, enlisting about one hundred men, but did not go into active service. He is married to M. E. Haskell, of Lennoxville, Canada East.

BARROWS, ASHBEL WARD, Hartford, Conn., son of Andrew Barrows and Sarah Storrs, was born, Dec. 3d, 1816, at Mansfield, Tolland co., Conn. He was educated in the public schools, and under the private tutorship of the Rev. William Ely at Mansfield, studying medicine with Dr. Wm. H. Richardson, of Mansfield, Dr. Archibald Welch, of Wethersfield, and Prof. J. Knight and Prof. Chas. Hooker, of New Haven, and in 1841 graduating from the med. dep't of Yale coll. He first settled at Rocky Hill, Conn., from which in 1847 he removed to Hartford. His practice includes a case of abortion at the fifth month, the child being born alive. The case is reported in the *American Journal of Medical Sciences* for April, 1853. He is a member of the Am. med. asso.; the Conn. med. soc., of which he was vice-president in 1875, and president in 1876, and the Hartford med. soc. From 1855 to 1873 he was visiting phys. to the Hartford hosp., to which he has been consulting phys. since the latter year. He has been since June, 1853, medical examiner and consulting phys. for the Phœnix mutual life insurance company of Hartford. He was married, Sept. 10th, 1842, to Anna Freeman, of Mansfield, who died April 10th, 1868; and, June 7th, 1871, to Anna R. White, of Rockville, Conn

SUESSEROTT, JACOB LEWIS, Chambersburg, Pa., of (paternally) German descent, was born in Chambersburg, Feb. 20th, 1829. Having received an academical education, he entered Jefferson med. coll., and was graduated thence M. D. in March, 1851. In the same year, combining the practice of dentistry with that of medicine, he established himself at Chambersburg, where he remained until 1857, when he accepted the chair of pathology and therapeutics in the Pa. coll. of dental surgery at Philadelphia. In 1862, his home being placed in a pre-

carious condition by the northern movement of the Confederate States army, he resigned his professorship and returned to Chambersburg in order to protect, so far as possible, his property. Since this time he has devoted himself exclusively to medicine, engaging in a general practice. He is a member of the Pa. State med. soc.; of the Franklin co. med. soc., at present (1877) president of the latter organization, and an ex-member of the Am. and Pa. dental socs. During the latter portion of the late war he was surgeon to the district board of enrollment; has been since 1863 surgeon to the U. S. pension bureau. He married, Oct. 12th, 1852, Julia E., daughter of Frederick Smith, Esq., of Chambersburg.

COMPTON, WILLIAM McCORKLE, Jackson, Miss., was born in Madisonville, Hopkins co., Ky., Aug. 4th, 1833, of American parentage and Irish ancestry. His early education was obtained in the State of Alabama, and his medical education at the univ. of Louisville and Jefferson med. coll. of Philadelphia. He graduated in 1854. He first resided in Marshall co., Miss., but removed to Jackson in 1870 to take charge of the State lunatic asylum. He was a general practitioner, but since the year last mentioned he has given particular attention to the subject of insanity. He is a member of the Am. med. asso., and of the State med. asso., president of the latter in 1871, and also member for the State at large of the State board of health for 1877. His contributions to medical literature have been of a general character. He was a member of the legislature in 1861, and delegate to the constitutional convention in 1865 and 1868. During the civil war he was respectively private and surgeon in the Confederate army. In 1856 he married D. Bratina, daughter of Charles Yarborough, Esq., of Marshall co., Miss.; after her death he married, in 1863, Ernestine, daughter of W. W. Goodwin, Esq., of Macon, Miss.

EMANUEL, MANLY, Philadelphia, was born in Davenport, England, in Feb., 1795. His medical studies were pursued at St. George's hosp., London, where he graduated in June, 1816. He settled first in London, and in 1834 removed to Philadelphia, but afterwards to Linwood, Delaware co., Pa., where he resided for a period of thirty years. He is now again a resident of Philadelphia. He is permanent member of the Am. med. asso.; fellow of the Royal coll. of surgeons, London; member of the State med. soc.; one of the corporators of the Delaware co. med. soc., and its president for sixteen years, and for fifteen years president of the board of school directors of Delaware co. He has held the position of U. S. examining surgeon for pensions, and was a justice of the peace for Delaware co. during his residence there.

CADWALADER, CHARLES E., Philadelphia, was born in Philadelphia, Nov. 6th, 1839. He was educated at the univ. of Pa., and studied medicine in the med. dep't of that institution, whence he graduated in the spring of 1861. During the war of the rebellion he served as an officer in the 6th Pa. cavalry; subsequently he practised medicine in Philadelphia.

ASH, H. ST. CLAIR, Philadelphia, was born in York, Pa., March 30th, 1826. He is the son of Gen. Michael W. Ash and Harriet Sophia Ash. He received his medical education at the Jefferson med. coll., and graduated M. D. in 1850 at Pa. med. coll., settling immediately after in Philadelphia in general practice. He is a member of the Phila. co. med. soc., and has been its vice-president, corres. sec. and censor. During the rebellion he held the position of surgeon to a volunteer regiment. He is at present connected with the Charity hosp. in the capacity of president, and was the founder and is president of the medical board. In 1856 he married Mary L. Cousty, daughter of Joshua Cousty, Esq., of Philadelphia; she died in 1860.

DAVIS, MOSES MITCHELL, Baraboo, Wis., of English-Scotch descent, was born at Sharon, Vt., Aug. 27th, 1820. Having received his preliminary education at Norwich univ., he attended one course of lectures at Dartmouth med., two courses at the Vermont med. coll., and from the latter institution received the degree of M. D. in June, 1846; also the degree of M. D. from the Chicago med. coll. in 1876. Entering upon practice at Norwich, Vt., he removed thence in 1854 to Portage City, Wis.; in 1863 to Appleton, Wis.; in 1871 to Chicago, a few months previous to the great fire, and in Dec., 1871, to Baraboo. He is a member of the Sauk co. med. soc., was president in 1875–76; also a member of the Wis. State med. soc. In 1855 he was elected to the State assembly; in 1856 he was elected to the State senate for two years; in 1858 was re-elected to the State senate, and in 1860 was elected president pro tem. of the senate. During his service in the senate he was mainly instrumental in securing the passage of the bill for the erec-

tion of the State hosp. for the insane, also a bill for the geological survey of the State. From 1858 to 1865 he was a regent of the State univ.; from 1861 to 1866 superintendent of the Indian tribes in the vicinity of Green Bay, and from 1862 to 1866 State trustee of the Fox and Wisconsin rivers' improvement. He married, Dec. 3d, 1846, Eunice E., daughter of Foster Dana, Esq., of Warren, Vt.

HARLAN, GEORGE C., Philadelphia, was born in that city, Jan. 28th, 1835. His father was Dr. Richard Harlan of Philadelphia. He was educated at Delaware coll., and studied medicine in the med. dep't of the univ. of Pa., whence he graduated in 1858, establishing himself immediately after in Philadelphia. His practice is confined to eye and ear surgery. He is a member of the Philadelphia coll. of phys.; of the Philadelphia pathol. and county med. socs., and of the Am. ophthalmological soc. His contributions to medical literature have been papers on "Simulated Amaurosis," "Neuroparalytic Ophthalmia," "Report on Inmates of Pennsylvania Institution for the Blind," "Pulsating Exophthalmus," "Hysterical Affections of the Eye," "Albuminuric Retinitis," "Strychnia in Atrophy of the Optic Nerve," and "Hemiopia and Decussation of the Optic Nerves," which, with various short articles, reviews and book notices, have appeared in the *American Journal of Medical Sciences*, *Philadelphia Medical Times*, and Transactions of the Philadelphia pathol. soc.; the coll. of phys.; of the Am. ophthalmological soc., and of the Philadelphia International med. congress. He was formerly res. phys. at Wills' hosp., St. Joseph's hosp., and Pa. hosp., and attend. surg. at St. Mary's hosp. At present he holds the position of attend. surg. at Wills' hosp., and is ophthalmic and aural surgeon to the Children's hosp. During the war he was for a time medical officer on the gunboat "Union," and for three years surgeon of the 11th Pa. cavalry. In 1866 he married Mary Holman, of Boston.

BAXTER, JEDEDIAH HYDE, U. S. army, Washington, D. C., of English descent, was born in Stafford, Orange co., Vt., May 11th, 1837. In 1859 he was graduated B. A. from the acad. dep't of the univ. of Vermont (M. A. in 1871), and entering the med. dep't of the same institution, he was graduated M. D. in 1860. In 1875 he received the degree of LL.B. from Columbia univ., Washington. Upon receiving his doctor's degree, he established himself in New York, but in the spring of 1861 relinquished private practice and entered the U. S. service as surgeon to the 12th Mass. reg. He was promoted to be surgeon U. S. vols. in 1862, and on reorganization of the army was appointed ass't med. purveyor in 1867, and in 1874 to his present position of chief medical purveyor. He is a member of the D. of C. med. asso.; D. of C. med. soc.; Public health asso.; Am. med. asso., and a corres. member of the Boston gynæcol. soc., and of the Philadelphia academy of natural sciences. He has contributed a number of valuable papers to the Transactions of the several societies of which he is a member; has occasionally written for the leading scientific periodicals, and is the author of that very important work: "Medical Statistics of the Provost-Marshal General's Bureau," 2 vols. quarto, pp. 1500, Washington, 1876. In 1875 he was elected a director of the Metropolitan national bank of Washington, and in 1875 a director of the inland and seaboard coasting company, both of which positions he at present (1877) continues to fill. He married, March 9th, 1876, Florence Tryon, daughter of the late William Tryon, Esq., of New York city.

ORME, HENRY SAYRE, Los Angeles, Cal., of English descent, was born at Milledgeville, Ga., March 25th, 1837. Graduating A. B. and A. M. from Oglethorpe univ. in 1858, he attended lectures at the univ. of Va. in 1859-60, and at the univ. of New York in 1860-61, graduating M. D. in 1861 from the last-named institution. From 1861 to 1865 ass't surg. and surgeon Confederate States army; from Sept., 1865, to Dec., 1867, he practised in Atlanta, Ga., and since July, 1868, has been established in Los Angeles, Cal. He is a member of the Los Angeles co. med. soc., one of the organizers thereof in 1872; of the Cal. State med. soc. since 1873, and one of the vice-presidents in 1875, and member of the Board of examiners in 1876 and 1877. In 1868-69 he was physician to the Los Angeles small-pox hosp., and is at present (1877), and was in 1871-72-73 and 1876, physician and surgeon to the Los Angeles co. hosp. In 1875 author of paper on "The Advantages of Los Angeles County, California, as a Health-Resort: its Topography, etc.," read before the State med. soc.

EDGE, JOHN PENNELL, Downington, Pa., was born in East Caln, Chester co., Pa., June 22d, 1822. On his father's side he is of English and Irish descent; on his mother's of English and Welsh. He pursued a full course at the Westtown Friends' School, continuing his studies afterwards while teaching, and graduated from the Jeffer-

son med. coll. in 1846. He first settled in his native place, but removed to Downingtown, where he has since resided. He is a member of the Chester co. med. soc., which he helped to reorganize in 1850, and of which he was president in rotation for one term, as well as corres. secretary and censor for a number of years. He has produced no extended work in medicine, his literary contributions consisting mainly of short papers for societies or journals. He is now serving a second term in the Pennsylvania house of representatives, having been first elected in 1874, and again in 1876, by an increased majority of 3,100. He has repeatedly been a director in State and National banks and other corporations. He is a member also of the Pa. State board of agriculture by appointment from Gov. Hartranft, and is first on the executive committee of the board, in recognition of his efforts in originating and securing the passage of the law establishing it.

WATERHOUSE, MARVIN, Portage, Wis., was born in Erie co., N. Y., Sept. 19th, 1827. He is of New England stock, his ancestors being natives of Connecticut and Rhode Island. He was educated in the common schools of Wisconsin, in the acad. of Chicago and in the Rush med. coll., graduating from the latter in 1862. He settled first at Oxford, Marquette co., and afterwards in Portage, the place of his present residence. His practice is general, but he has performed many important surgical operations successfully. He is a member of the Wis. State med. soc., being elected member in 1868 and president in June, 1873. His medical writings consist of articles on "Sun-Stroke," "Overtaxing Children in School," "The Law of Gravitation in Disease," essay on "Nervous Diseases," and other minor articles. He is a member of the board of education for Portage; was first ass't surg. of 1st Wis. heavy artillery during the war. In Jan., 1851, he married a daughter of Jesse Older, Esq., of Packwaukee, in the county of Marquette, who is still living.

WALL, OTTO AUGUSTUS, St. Louis, Mo., was born in Gravois settlement, St. Louis co., Mo., Sept. 27th, 1846. His literary education was obtained at the city univ., St. Louis, his pharmaceutical studies pursued in the St. Louis coll. of pharmacy, whence he graduated in 1869, and his medical studies in the Mo. med. coll., and Bellevue hosp. med. coll., graduating from these respectively in 1870 and 1871, and settling in St. Louis. He is a member of the Union literary asso., elected in 1864, and has been through all its chairs; of the St. Louis art soc., is on its board of directors; and St. Louis soc. for useful knowledge. He is prof. of mat. med. and med. botany in St. Louis coll. of pharmacy, elected in 1873. He also held the position of prof. of mat. med. and therap. in the Mo. med. coll., to which he had been elected in 1873, but resigned this to take the chair of chemistry and pharmacy in the same institution in 1876. He was a member of the St. Louis board of directors of public schools from 1872 to 1876, and for three years of that time chairman of committee on course of studies, text-books, and apparatus. At present he is a member of the board of managers of public school library.

CATHELL, D. WEBSTER, Baltimore, Md., was born, Nov. 29th, 1839, in Worcester co., Md., his ancestors being among the earliest English and Scotch settlers of Maryland. He received his professional education at the Maryland univ. and Long Island coll., receiving the degree of M. D., June 29th, 1865. He commenced practising in Baltimore immediately after his graduation, and has ever since remained in that city. He is a member of the Md. State faculty, and several other med. socs. He has been identified with the Baltimore med. asso., and the med. and surg. soc. of Baltimore since their origin, and in 1872 was president of the last-named soc. Among his many contributions to medical literature the following are the most noteworthy: an essay on "Eczema in the Pudendal Region;" "Use of Belladonna in Scarlatina Anginosa;" essays on "Medical Ethics," etc. He was surg. of the 8th reg. Md. national guards, examining surg. of the militia, and U. S. examiner of pensioners. In 1872 he was elected prof. of pathol. in the coll. of phys. and surg., Baltimore. He was married, Nov. 19th, 1863, to Jeannette, only daughter of Thomas H. Boult, Esq., of Baltimore city, and is now the father of four children.

WHITTAKER, JAMES T., Cincinnati, O., was born in Cincinnati, March 3d, 1843, of parentage of the respectable middle class of society. His literary education was obtained at the Miami univ., Oxford, O., and his medical studies were pursued in the med. coll. of Ohio and the univ. of Pa., from the latter of which he graduated in 1866. After spending two years in Europe and being one year chief res. phys. to the Cincinnati hosp., he established himself in general practice in Cincinnati. He is a member of the Cincinnati acad. of med., was its secretary in 1867 and 1868; and of the Ohio State med. soc. He has contributed numerous papers to

medical literature, including a prize essay to *American Journal of Obstetrics*, vol. iii., No. 2; and was editor of *The Clinic* for the first five years after its foundation. He has held the position of prof. of physiol. in the med. coll. of Ohio since 1870; was pathologist to the Good Samaritan hosp. from 1870 to 1875, and since has been one of its lecturers on clin. med. During the war, from 1863 to 1865, he was surgeon's steward and ass't surg. in the U. S. navy. He was married March 12th, 1874.

WILLSON, WILLIAM H., Greenfield, O., was born in Greenfield, O., July 8th, 1837, of Scotch-Irish parentage. His medical studies were pursued in the Ohio med. coll., whence he graduated in March, 1859, and settled in Greenfield, in the general practice of medicine and surgery. He has at various times performed some major operations with uniform success. He is a member of the Highland co. and State med. socs. For three years during the war he served in the U. S. navy, and one year in the U. S. army. In Feb., 1866, he married Mahalah H. Bell, daughter of Charles Bell, Esq., of Greenfield, Highland co., Ohio.

WALKER, EDWIN, Evansville, Ind., was born at Evansville, May 6th, 1853. His education was begun in the schools of his native town, and completed at Hanover coll., Hanover, Ind., from which he entered the Evansville med. coll., graduating in March, 1874. He settled in Evansville. In the spring of 1874 he was elected prof. of anat. in the med. coll. of Evansville, a chair he still holds; and is one of the staff of the city dispensary, holding twice a week a clinic on diseases of the genito-urinary organs and venereal diseases. He is a member of the Evansville med. soc., and of the Drake acad. of med. He is the county physician of Vanderburg co.

WETMORE, SAMUEL WILLIAM, Buffalo, N. Y., was born in Ashtabula, O., April 30th, 1832. His parents are American. He was educated in Ann Arbor univ., and graduated in medicine in 1862 from the med. dep't of the univ. of Buffalo. Commencing practice first in Kelloggsville, O., he removed afterwards to Kingsville, in the same State, and finally to Buffalo, where he settled. While having a general practice, his specialty is diseases of women. Among the positions which have been held by him are those of demonstrator of anat. in the Buffalo med. coll., an office he held for seven years; prof. of anat. in the med. dep't of the univ. of Wooster, Cleveland, O., where he was for two years. He is a member of the Erie co. med. soc., and Buffalo med. asso., of which latter he has been president. He was also health phys. to the city of Buffalo during 1866. During the war was acting ass't surg. U. S. army, and chief med. officer at Fort Foster, as well as to the two hospitals in the last-named city. In 1854 he married Mary E., daughter of Samuel C. Barbour, Esq., of Kingsville, O. She died in Sept., 1876.

THAYER, CHARLES P., Burlington, Vt., was born in Randolph, Vt., Jan. 22d, 1843, of American parentage. He was educated at the academical and med. dep'ts of the univ. of Vt., in Burlington, graduated in 1865 and established himself there. He removed to Quincy, Mass., after one year, was there two years, and then on the Northern Pacific railroad as med. sup't of Minnesota division. After three years he again returned to Burlington and settled there. His specialty is surgery. He is a member of the Vt. State med., and Chittenden co. (Vt.) med. socs.; also of the Burlington med. and surg. club, was president of the latter in 1876. His published writings are various contributions to the *Vermont Medical Register*, of which he is editor, and Medical Department of the Northern Pacific railroad. He has held the positions of city phys. of Burlington from 1870 to 1875, and health officer of the same place from 1875. Was demonstrator of anat. in the univ. of Vt. med. dep't for five years; instructor in microscopy and histology for three years. During the civil war he was private in the 13th Vt. vols.; was in the Baxter general hosp. at Burlington; and ass't surg. 1st reg. Vt. vol. militia since 1875. He married, Sept. 21st, 1871, M. Alice, daughter of A. S. Bemis, Esq., of Boston, Mass.

HAMILTON, ALLAN McLANE, New York, was born in Brooklyn, N. Y., Oct. 6th, 1848. He is the son of Philip Hamilton, youngest son of Alexander Hamilton; and on his mother's side the grandson of Louis McLane, secretary of state in President Jackson's cabinet. He graduated in 1870 at the coll. of phys. and surg., New York, in which city he settled and has since resided. At his graduation he received the first faculty prize, the subject of his thesis having been "Galvanopuncture;" receiving also the Harsen prize medal. He devised, in 1874, a new dynamometer, described in the *Psychological Journal* and *Medico-Legal Journal* for April, 1874; was one of the first practitioners to use galvano-cautery in this country; and the first to use monobromate of

camphor in *delirium tremens*. His specialty is nervous diseases. He is a member of the New York acad. of med., of which he was statistical secretary in 1874; of the soc. of neurology, of which he was secretary in 1875; and of the county med. soc.; and a delegate to the State med. soc. in 1877. He is the author of a work on "Clinical Electro-Therapeutics," published in 1873; and of articles on "Epilepsy" in the *New York Medical Record*, 1871, and the *Chicago Medical Journal and Examiner* for Dec., 1876; on "Genital Irritation as a Cause of Nervous Disease, etc.," and "Tremors and Inco-Ordination," in the *American Journal of Medical Sciences* for Oct., 1876; and on kindred subjects in *Hay's Journal*, the *New York Journal of Medicine*, the *Philadelphia Medical Times*, and other medical journals. He was formerly editor of the *American Psychological Journal*. He is visiting surg. to the epileptic and paralytic hosp. on Blackwell's island, and was recently phys. in charge of the N. Y. State hosp. for diseases of the nervous system, and lecturer upon nervous diseases at the Long Island college hospital.

TUCK, HENRY, Boston, Mass., was born in Barnstable, Mass., May 9th, 1842. He is the son of the late Dr. Henry Tuck, of the same town. He pursued his medical studies in the med. dep't of Harvard college, took his degree of M. D. in 1867, and established himself in Boston in general practice. He is a member of the Boston socs. of med. observation and med. improvement; obstet. soc. of Boston; consulting phys. to home for aged women; phys. to the Boston lying-in-hosp., and to out-door patients at Mass. general hosp. and Channing home; also ass't sup't of Mass. school for idiotic and feeble-minded youth. He has contributed a few articles to the *Boston Medical and Surgical Journal*. For a few months of 1865 was acting ass't surg. in the army of the Union. He married, Nov. 26th, 1873, Emma R., daughter of Wm. H. Beers, Esq., of New York city.

TUCKER, WILLIS GAYLORD, of Albany, N. Y., was born in Albany, Oct. 31st, 1849. He was educated at the Albany acad., graduating from that institution in 1866. He then entered the Albany med. coll., taking his degree of M. D. in 1870, and immediately settling in Albany, commenced professional life. His specialty is chemistry. He is a member of the med. soc. of Albany co., to which he was elected in June, 1872; also of the asso. of the alumni of the Albany med. coll., holding the position of its secretary since Jan., 1874; of the Albany institute since Nov., 1873, and of which he is now a curator. He holds the position of prof. of inorganic and analytical chemistry in the Albany med. coll. (med. dep't Union univ.), and prof. of chemistry in the Albany high school.

TARBELL, GEORGE GROSVENER, Boston, Mass., was born in Lincoln, Mass., Sept. 9th, 1841. His parents are Charles L. and Martha E. Tarbell. He was fitted for college at Phillips' Exeter academy, Exeter, N. H. Thence entering Harvard coll., he graduated in the classical dep't in 1862, and from the medical school of the same college in 1865. He first commenced practice in Hingham, Mass., but removed to Boston in 1867, a year after. He is a member of the Mass. med. soc.; of the Boston soc. for med. improvement; of the Boston soc. for med. observation, and was president of the Boylston med. soc. in 1876. During the war was ass't surg. and afterwards surg. of the 3d Mass. vol. cavalry. He is now one of the visiting physicians to the Massachusetts general hospital.

GRINNELL, ASHBEL PARMALEE, Burlington, Vt., was born in Massena, N. Y., Dec. 26th, 1845. Having received an academical education, he entered Bellevue hosp. med. coll.; graduated M. D. in 1869; practised for a short time in Ogdensburg, N. Y., and in 1870 established himself in Burlington. He is a member of the St. Lawrence co., N. Y., med. soc., secretary in 1869–70; of the Chittenden co., Vt., med. soc.; of the Burlington med. and surg. club, and of the Vt. State med. soc. He has occasionally contributed reports of cases to the leading medical journals. At present (1877) he is dean of, and prof. of the diseases of the heart and lungs in the med. dep't of the univ. of Vt., and is also health officer of the city of Burlington. He married, Oct. 9th, 1873, Elizabeth V., daughter of Henry Guest, Esq., of Ogdensburg, N. Y.

COLE, RICHARD BEVERLY, San Francisco, Cal., was born in Manchester, Va., Aug. 12th, 1829. He is the grandson of a soldier in the war of 1812, and a great-grandson of a colonel in the war of the revolution. Having pursued his academical course at Delaware coll., he entered the Jefferson med. coll., from which he graduated in 1849, subsequently attending the univ. of France and several schools in Germany and Great Britain, and receiving from the Royal coll. of surgs. in 1864 the degree of M. R. C. S. He first settled in Philadelphia, to which he has lately returned on a visit, after spending twenty-five

years in San Francisco. His specialty is gynæcology, which is indebted to him for the alum plug in the treatment of uterine hemorrhage, and for many other suggestions and instruments used in obstetrics and the treatment of women. He is a member of the Am. med. asso.; the Cal. State med. soc.; and the San Francisco co. med. soc.; fellow of the obstet. soc. of London; and local secretary for California of the anthropological institute of Great Britain and Ireland. He is the editor of the *Western Lancet*, a contributor to many other journals, and has in course of preparation a work on "Obstetrics and Diseases of Women." He was chairman of the hospital committee of San Francisco, and in 1868–69 was a member of the board of supervisors of that city; was one of the surgeons to the county hosp. of San Francisco. Is prof. of obstet. and gynæcol. in the State univ. of Cal.; and was prof. in the med. dep't of the univ. of the Pacific, in the organization of both of which last-mentioned institutions he was prominently concerned. He was married in Philadelphia, in 1848, to Eugenie J. Bonaffon.

SMITH, CHARLES EASTWICK, St. Paul, Minn., was born at Blossburg, Tioga co., Pa., Feb. 14th, 1843. His professional education was received at the univ. of Pa., whence he graduated M. D. in March, 1865. During the ensuing year he was res. phys. at the Blockley hosp., Philadelphia, and in 1866 established himself in practice at St. Paul. He is a member of the Minn. State med. soc., and has been recording secretary to that body since 1871.

OSGOOD, HAMILTON, Philadelphia, Pa., was born, July 7th, 1839, at Chelsea, Mass. After receiving an academical education he prosecuted his medical studies in the Jefferson med. coll., Philadelphia, Harvard med. school, and the schools of Berlin, Vienna, Tübingen, Paris and London, receiving the degree of M. D. in 1870. Locating first in Boston, in 1873 he removed to Philadelphia, where he continues the practice of his profession, making diseases of the throat and chest a specialty. He is a member of the patholog. soc. of Philadelphia. Among his contributions to medical literature the most noteworthy is his paper on "Angina Pectoris," published in the *American Journal of Medical Science* for Oct., 1875. He is now the lecturer on general symptomatology in the summer school of Jefferson med. coll.; one of the visiting phys. to the German hosp.; phys. to the home of the women's Christian asso. During the continuance of the recent International exhibition he served as one of the physicians to the Centennial hospital. He was married, June 29th, 1870, to Margaret Cushing, daughter of William R. Pearmain, of Chelsea.

STEELE, A. J., St. Louis, Mo., of Scotch-Dutch descent, was born in Rochester, N. Y., Nov. 20th, 1835. Having received an English and classical education, he entered Jefferson med. coll.; receiving from that institution in 1859 his degree of M. D. During the ensuing two years he was engaged as demonstrator of anat. in the Buffalo (N. Y.) med. coll., and res. phys. in the Buffalo general hosp. Since 1865 he has been established in St. Louis. He is a member of the Am. med. asso.; of the Mo. State med. soc., at present (1877) recording secretary; and of the St. Louis med. and medico-chirurg. socs. Of his professional publications may be mentioned: "Intra-Capsular Fracture Neck of Thighbone," *Medical Archives;* "Brain Matter and Mind Action," *St. Louis Medical Archives;* "Torticollis," Transactions Missouri State Medical Association, etc. In May, 1861, he was appointed an ass't surg. in the U. S. army, was promoted to be surg. in spring of 1863, and in the latter capacity served until the end of the war. He married, Oct., 1870, Cassie L., daughter of Hon. M. G. Leonard, of New York.

STARBUCK, THEODORE, Savannah, Ga., son of N. H. Starbuck, of N. C., and of Mary (Dickson) Starbuck, of Pa., was born at Midway, Clark co., O., July 24th, 1838. His education was obtained at Gonzaga coll., Washington, D. C., and his medical studies were pursued at the Savannah med. coll., whence he graduated M. D. in 1872, settling immediately after in Savannah. He is a member of the Ga. med. asso., and of the Ga. med. soc., elected to the former in April, 1872, and to the latter in May of the same year. He was also recording secretary and librarian of the latter from 1873 to 1877. He was adjunct prof. of mat. med., therap. and pharmacy in the Savannah med. coll. in 1873, and elected prof. of the same in 1874. In Nov., 1869, he married Maggie W. Pond, daughter of Dr. Asa Pond, of Columbus, Georgia.

GAY, GEORGE WASHINGTON, Boston, Mass., was born at Swanzey, N. H., Jan. 14th, 1842. He graduated from the med. dep't of Harvard univ. in June, 1868, and at once settled in Boston. His specialty is surgery, in which his notable operations include two successful cases of ovariotomy, cases in antiseptic surgery, etc. He is a

member of the Mass. med. soc., and of the Boston med. asso. He has contributed various papers to the Boston *Medical and Surgical Journal*, of which he is editor and reporter. He is surg. to the Boston city hosp., and also to the Boston dispensary. He was married first in 1868; and a second time in 1875.

COPELAND, GEORGE W., East Boston, Mass., was born at Merigomish, Nova Scotia, March 6th, 1846. He was educated at Dalhousies coll., Halifax, N. S., and pursued his medical studies at Jefferson med. coll., Philadelphia, where he graduated in the spring of 1869. He settled first in Titusville, N. J., but removed to Boston in the fall of 1870. He is a member of the Mass. med. soc. Articles on "Poisoning by Strychnia and Recovery;" on "The Styloid Muscles and Anæsthetics and Unnatural Position of Head a Cause of Death from Chloroform," have appeared from his pen in the *Boston Medical Journal*, for 1873; *ibid.*, 1874, and the *Philadelphia Medical Times*, for 1874; and article on "Varicocele and its Cure," also appeared in the former publication this year. He holds the position of coroner for Suffolk county.

SWAN, SAMUEL M., Johnstown, Pa., of Scotch descent, was born in Westmoreland co., Pa., March 10th, 1833. Having graduated A. B. from Jefferson coll., Cannonsburg, in 1851, he entered Jefferson med. coll., was graduated thence M. D. in 1854; during the ensuing summer practised in Indiana, Pa., in De Kalb co., Ill., until 1862, and since 1865 has been established at Johnstown, Pa. He is a member of the Cambria co. med. soc., and has at different times filled the several offices of that organization. He was commissioned first ass't surg. of the 12th Ill. reg. in October, 1862; was promoted to be surg. of the 111th Ill. reg. in March, 1864; participated in the Atlanta campaign, and in the march to the sea, and was honorably discharged from the service in June, 1865. He married, May 25th, 1869, Elizabeth A., daughter of Thomas M. Collins, Esq.

HYATT, HENRY OTIS, Kinston, N. C., was born May 5th, 1848, of American parents; graduated from the med. dep't of the univ. of Pa., March 13th, 1868, and settled in Greenville, whence he moved to Kinston, Feb., 1872. He is a member of the N. C. State med. soc.; and of the Eastern (N. C.) med. soc., of which he has been president. In 1872 he read a paper on "Placenta Prævia," before the N. C. med. soc., in whose Transactions for that year it was published; and has contributed to the different medical journals a variety of papers, among them one on "Tetanus," published in the *Virginia Medical Monthly* for July, 1875; one on "Retroflexion of the Uterus," in the *Virginia Medical Monthly* for Aug., 1874; one on a "New Method of Arresting Post-Partum Hemorrhage," in the *American Journal of Obstetrics* for Oct., 1875; one on the "Normal Anatomy of the Vulvo Vaginal Orifice," in the *American Journal of Obstetrics* for April, 1877, and many others.

HALL, LYCORTAS BREWER, Philadelphia, Pa., was born, Sept. 30th, 1839, in Windsor, Vt. After receiving an academic education he entered Dartmouth coll., graduating from its scientific dep't in 1861. From 1863 to 1871 he occupied the chair of chemistry and natural history in Dartmouth coll. Subsequently entering the univ. of Pa., he graduated with the degree of M. D. therefrom in 1873 and has since been engaged in the practice of his profession in Philadelphia. He is a member of the county med. and Northern med. socs. of Philadelphia.

KLAPP, JOSEPH, Philadelphia, was born in Philadelphia, his father being the late Dr. Joseph Klapp, of that city. Educated at private schools and at the univ. of Pa., he graduated from the med. dep't of the latter institution, and thereafter established himself in practice in his native city, making a specialty of diseases of the digestive organs. He is a member of the Philadelphia co. med. soc., and a fellow of the coll. of phys.; has been for the past twenty years phys. to the dep't of diseases of the digestive organs in the Howard hosp., and during the war was phys. and surg. to the Master street hosp. He was married to Anna P., daughter of the late John Van Leu, Esq., of Richmond, Va.

AMORY, ROBERT, Brookline, Mass., was born in Boston, Mass., May, 2d, 1842. His grandfather was Jonathan Amory, who married the daughter of Governor and Judge James Sullivan, of Massachusetts, his father being J. S. Amory, and his mother a daughter of Gardiner Greene, of England. He was educated at the private school of Epes Dixwell in Boston, subsequently entered Harvard coll., graduating there as A. B. in 1863, and as A. M. and M. D. from the med. dep't of the same coll. in 1866. After his graduation he passed a year studying medicine at Paris and Dublin, Ireland, and in the autumn of 1867 settled at Longwood (Brookline), Mass.

In 1868 he was elected a member of the school committee of Brookline, and served six years, four of these as its secretary. In 1869 he was appointed annual lecturer on physiological action of drugs for that year at Harvard coll., and was afterwards prof. of physiol. at the med. school of Maine (Bowdoin coll.), from which position, however, he resigned in 1874. He is a member of the Am. acad. of arts and sciences; of the Boston soc. of med. observation; treasurer of the Boston soc. of med. science; and member also of the Boston soc. of natural history, and of the Mass. med. soc.; for three years as a councillor, and now is the vice-president of the Norfolk district med. soc. He is the author of papers on "Bromides of Potassium and Ammonium," published in Boston, 1872; and on the "Action of Nitrous Oxide," in 1870. He also contributed the article on "Chloral Hydrates: Experiments Disproving Evolution of Chloroform in Organism," published in the *New York Medical Journal;* of the "Pathological Action of Prussic Acid," in the *London Practitioner*, both in the year first named; and the article on "Poisons," in the 3d edition of *Wharton and Stillé's Medical Jurisprudence*, published in Philadelphia, 1873. He also edited and translated "Lectures on Physiology," by Prof. Rüss, of Strasburg univ. med. school, published in Boston in 1875. Contributions on "Photography of the Spectrum" were also published from his pen in the proceedings of the Am. acad. In 1875 he was ass't surg. in the Mass. vol. militia, surg. in 1876, and med. director, with the rank of lieut.-col., 1st brigade, the latter appointment being made in Sept., 1876. He is also member and secretary of the Brookline board of health. In 1864 he married Mary A., daughter of Amos A. and Sarah E. (Appleton) Lawrence.

BURNETT, SWAN MOSES, Washington, D. C., was born at New Market, Jefferson co., Tenn., March 16th, 1847. His professional education was received at the Miami med. coll., Cincinnati, 1866–67, and at the Bellevue hosp. med. coll., 1869–70, whence he was graduated M. D. in the latter year. While at Bellevue he was a student with Prof. Knapp, in the New York ophthal. and aural institute, and in 1875–76 further pursued his ophthalmic and otological studies in London and Paris. From 1870 to 1875 he engaged in general practice in Knoxville, Tenn. upon returning to America in 1876, he established himself in Washington, giving exclusive attention to ophthalmology and otology. He is a member of the med. asso. of the D. of C.; of the D. of C. med. soc.; of the Jefferson med. asso.; of the Am. neurolog. asso.; of the Tenn. med. soc.; was elected secretary of the Knox co. section of the East Tenn. med. soc. in 1872, and president of the same in 1874, and in 1876 was a delegate to the International ophthal. congress at New York. He has contributed a number of papers, generally upon ophthalmic or aural subjects, to the leading American medical journals, and also to the reports of the royal London ophthal. hosp., and has published articles treating of popular science in *Scribner's Monthly*. He married, Sept. 20th, 1873, Frances E., daughter of Edwin Hodgson, Esq., of Manchester, England.

CONKLIN, WILLIAM JUDKINS, Dayton, O., was born in Sidney, O., Dec. 1st, 1844. He was educated at the Ohio Wesleyan univ., in Delaware, O., and pursued his medical studies at the Ohio med. coll. in Cincinnati, from which institution he graduated in March, 1868. He was phys. to the Dayton hosp. for the insane from April, 1869, to Dec., 1871, and is at present secretary of the board of trustees for the above institution. He was elected in July, 1875, prof. of physiology and physiolog. anat. in Starling med. coll., Columbus, O., a position which he still retains. He was secretary in 1872 and 1873 of the Ohio State med. soc., and is also a member of the Montgomery co. med. soc. He has contributed somewhat to the medical journals on professional subjects.

COX, JOSEPH BRADFORD, San José, Cal., was born, March 26th, 1840, in Hocking co., O., and is maternally descended from the Bradford family who came to this country in the "Mayflower." He was educated in the common schools, Portland acad. and female seminary, from which he graduated, taking the degree of B. S., July 3d, 1865; Bellevue hosp. med. coll., and the Long Island hosp. med. coll.; graduating from the latter with the degree of M. D., June 24th, 1869. He located first in Sonoma, Cal., and remained there for three years; thence removed to Healdsburg, Cal.; subsequently served as phys. to Hoopa valley Indian reservation for about fifteen months, and since Oct., 1875, has been at his present residence. He is a member of Cal. State med. soc., serving as a member of the committee on prin. and prac. of medicine; and is secretary of the Santa Clara co. med. soc. Among his contributions to medical literature the most important have been papers on "Operations for Procidentia Uteri; "Hypertrophy of Heart and Pericardial Adhesions;" "Insertion of Placenta on Lower

Segment of Uterus, with Prolapse of Cord and Retention of Membranes;" "Incomplete Dislocation of Ulna and Radius Outward;" "Pathology of the Febrile State," etc. He was married, Sept. 29th, 1869, to Sadie L. McClish, daughter of Thomas McClish, Esq., of Healdsburg, Sonoma co., Cal.

HANCOCK, WALTER DE CAMP, Millville, O., was born in Hanover township, Butler co., O., May 25th, 1847. Educated at the Miami univ., Oxford, and at the Miami med. coll., Cincinnati, he received his degree of M. D. from the last-named institution in Feb., 1872, and after spending a year in further professional study in the Vienna general hosp., established himself in general practice in Millville. Among his notable cases may be mentioned lateral operation for stone, and Graeffian operation for cataract. He is a member of the Butler co. med. soc., and was in Jan., 1877, elected a censor of that body.

MURDOCH, JAMES BISSET, Pittsburgh, Pa., son of the Rev. David Murdoch, D. D., late of Elmira, N. Y., was born in Glasgow, Scotland, Oct. 16th, 1830. Having been graduated M. D. from the New York coll. of phys. and surg. in 1854, he was during the ensuing year house surg. to Bellevue hosp.; was subsequently surgeon of the steamer "North Star," Vanderbilt line; from Oct. 1st, 1855, to May 1st, 1872, practised at Oswego, N. Y., and since the latter date has been established at Pittsburgh. He is a member of the Oswego co. med. soc., president in 1865; of the N. Y. State med. soc.; of the Pittsburgh acad. of med. and school of anat., president in 1877; of the Pa. State med. soc., and of the Am. med. asso. Since 1872 he has been surgeon to the western Pennsylvania hosp.; and since Jan. 1st, 1876, company surgeon for the Pennsylvania railroad. In 1861–62 he served as surg. of the 24th N. Y. reg.; was in 1863–64–65 surg. to the board of enrolment, 22d district, N. Y., and in 1864 was city physician of Oswego, N. Y.

HUN, THOMAS, Albany, N. Y., was born in Albany, N. Y., in 1808. He graduated in the classics at Union coll. in 1826; began the study of medicine in 1826; and received the degree of M. D. from the med. dep't of the univ. of Pa. in 1830. With the exception of six years spent in Paris he has been engaged in the practice of medicine in Albany from 1830 to the present time. From 1839 to 1858 he was prof. of institutes of medicine in the Albany med. coll. Is at this time emeritus prof. and dean of the faculty in the same college. Was in 1862 elected president of the med. soc. of the State of New York.

HUMPHREY, WESLEY, Mexico, Mo., of English descent, was born, Aug. 4th, 1821, in Albany co., N. Y. He attended the common schools of his native region until fifteen years of age, when he studied the higher branches in the schools of Albany; and, after attending a course of medical lectures at Albany and one at New York city, graduated from the Castleton, Vt., med. coll., June 4th, 1844. He practised seven years in Schoharie co., N. Y.; seven years in Fulton co., N. Y.; and ten years in Geneva, Ill.; from which, in 1865, he removed to Mexico, Mo., where he has since resided. He is a member of the Audrain co., Mo., med. soc., of which he was president in 1876; the Linton district med. soc.; the Mo. State med. soc.; and the Am. med. asso. He has read several papers before the district med. soc. He is in general practice here; was coroner for two years; and is now surgeon of the Chicago & Alton railroad, by appointment of the company. He is also examining surg. for the pension bureau. In the civil war he was first ass't surg. of the 52d Ill. for one year, and for nearly three years surg. of the 55th U. S. reg. He was married at the age of twenty-six, and has two children, both married.

STAPLES, GEORGE McLELLAN, Dubuque, Iowa, of English and Scotch-Irish descent, was born in Buxton, Me., April 26th, 1827. Having graduated A. B. from Waterville coll. in 1849, he attended medical lectures at Bowdoin coll. in 1851–52, and at the Harvard med. school in 1854–55, and from the latter institution received his degree of M. D. in March, 1855. Previous, and for a few months subsequent to his graduation, he practised at Farmington, Me., removing thence in Jan., 1856, and establishing himself at Dubuque. While engaging in a general practice, he has given especial attention to surgery and has performed numerous capital operations, including the first successful case of ovariotomy in the Dubuque region. He is a member of the Dubuque med. soc., president in 1859 and 1871; was a delegate to the Am. med. asso. in 1872; and has since been a member of that organization. Of his professional publications may be mentioned: "Hysteria," *Philadelphia Medical and Surgical Reporter*, 1861; "Physiological and Therapeutical Properties of Veratrum Viride," *ibid.*; "Amputation at the Knee-Joint," *American Journal of Medical Sciences*, 1872; "Medical Constitution of

Diseases for 1871;" reports of surgical cases, etc. In Nov., 1861, he was commissioned surgeon of the 14th Iowa reg.; was acting med. director of the right wing, 16th army corps, from March, 1864, to Nov., 1864, and was honorably discharged from the service in Nov., 1864, with the brevet rank of lieut.-col. of volunteers, and has since acquired one of the largest and most lucrative practices in the State. He married, Aug. 20th, 1854, Abbie C., only daughter of Dr. Allen Phillips, of Farmington, Me.

LASHELLS, THEODORE B., Meadville, Pa., was born at New Berlin, Union co., Pa., March 20th, 1839. Educated at Jefferson coll., Cannonsburg, and in the med. dep't of Columbia coll., Washington, D. C., he was graduated M. D. from the latter institution in Feb., 1862, and in Oct., 1865, established himself at Meadville. In the course of his practice he has operated for stone; removal of coccyx; reduction of dislocation (of six weeks standing) of shoulder-joint, etc. He is one of the censors of the med. dep't of Wooster univ., Cleveland, O., and since 1875, inclusive, has been health officer of Meadville. In Dec., 1861, he was appointed a medical cadet U. S. army; was made ass't surg. of the 12th Pa. cavalry in August, 1862, and surg. of the 171st Pa. infantry in Dec., 1862. From Oct., 1863, to May, 1865, he was surgeon on provost-marshal's board for the 20th district of Pa. Since 1869 he has been surgeon at Meadville to the Atlantic & Great Western railroad. He married, Oct. 1st, 1863, Jane, daughter of Samuel A. Torbutt, Esq., of Meadville.

GAINES, RICHARD W., Hopkinsville, Christian co., Ky., son of R. W. Gaines and Nancy (Morton) Gaines, was born in Charlotte co., Va., July 5th, 1815. He was educated at Randolph-Macon coll., Mecklenburg co., Va., and at Transylvania univ., Lexington, Ky., graduating from the med. dep't of that institution, March, 1837. He settled in Charlotte co., Va., but removed to Hopkinsville, Ky., in 1853, where he has pursued a regular practice of medicine and surgery, and has performed many capital operations. He is a member of the Christian co. med. soc., one of its founders in 1866; of the Am. med. asso., elected in 1857; and of the Ky. State med. soc., was its president in 1876. His contributions on professional subjects have been various. In May, 1840, he married Sarah C. Marshall, of Charlotte Court House, Va. She died in 1861. In 1869 he married Mary C., daughter of Richard I. Gaines, Esq., of Charlotte co., Va.

SHURLOCK, WILLIAM CHARLES, Beaver Falls, Pa., was born in Beaver co., Pa., Jan. 6th, 1835. His professional education was received at the Jefferson med. coll., whence he was graduated M. D. in March, 1858. In the same year he established himself as a general practitioner in Beaver co.; for a few months at Freedom; from Nov., 1858, to Oct., 1874, at Darlington; and since the latter date at Beaver Falls. He is a member of the Beaver co. and of the Pa. State med. socs. In Aug., 1861, he was commissioned a captain in the 100th Pa. reg., was commissioned ass't surg. of the same reg. in June, 1862; was promoted to be surgeon in Dec., 1864, and assigned to the 51st Pa. veteran reg., and served until the end of the war. In 1869-70 he was elected a member of the lower house of the State Legislature; was elected chief clerk of the same body in 1874, and again, in 1877, for 1877-78. He married, May 11th, 1858, Rebecca C., daughter of George Dilworth, Esq., of Beaver co., Pa.

WOLCOTT, SAMUEL GARDNER, Utica, Oneida co., N. Y., son of Rev. C. Wolcott, and Sally (Gardner) Wolcott, was born at Hanover, Plymouth co., Mass., Jan. 1st, 1820. He was educated at Andover, Mass., Phillips acad., and graduated at Trinity college, Hartford. He pursued his medical studies in Harvard med. school, and received his degree of M. D. in 1850. He established himself in Utica, N. Y., in general practice, but making a specialty of surgery. He is a member of the Am. med. asso.; and of the Oneida co. and New York State med. socs. During the war he was a member of the special corps of surgeons from the State of New York. In 1854 he married Caroline H. Hubbard, daughter of Hon. Thomas H. Hubbard, of Utica; she died in 1867, leaving four children. In 1873 he married Emily J. Pierrepont, daughter of Hon. William L. Pierrepont, of Pierrepont manor.

SMITH, STANLEY, Philadelphia, was born, Jan. 25th, 1845, in Berks co., Pa. He graduated at Amherst coll., Mass., in 1865, and at the Jefferson med. coll., Philadelphia, March 10th, 1868, attending in 1871-72 the univ. of Leipzig, Germany. In April, 1869, he began to practise at Reading, Pa., from which he removed to Philadelphia in Nov., 1872. He has paid special attention to diseases of the eye, and for three years he was chief ass't at the eye clinic. He is a member of the Reading med. soc., and of the patholog. soc. of Philadelphia. In the summer course at Jefferson med. coll. he was formerly lecturer on physical diagnosis.

KEYSER, PETER D., was born in Philadelphia, Feb. 8th, 1835. His family, resident in this country since 1688, is of German origin, and at the time of the Reformation its then representatives were among the first to accept the doctrines of Luther, in consequence whereof Leonard Keyser was publicly burnt at the stake at Scharding, Bavaria, in Aug., 1527. The family then moved to Holland on account of the religious persecution; from whence Dirck Keyser emigrated to America in 1688, being one of the first settlers at Germantown, Philadelphia. Maternally Dr. Keyser is a descendant of Col. J. Eyre, of Kensington, who commanded the Philadelphia artillery during the revolutionary war. After receiving a collegiate education in the Delaware coll., which terminated in 1852, he studied chemistry for two years in the laboratory of Dr. F. A. Genth, in Philadelphia, publishing several analyses in the *American Journal of Sciences*, and which were subsequently incorporated into "Dana's Mineralogy." After this he went to Europe to pursue his professional studies in Germany, returning to America in 1858. Upon the breaking out of the civil war he entered the government service as captain in the 91st Pa. reg., and served in the army of the Potomac in the Chickahominy campaign, until after the battle of Fair Oaks. His health being greatly impaired by wounds and sickness, he resigned his commission, and for purposes of recuperation and study again visited Europe. Entering the medical department of the university of Munich, and afterwards that of Jena, where he graduated M. D. in 1864, and after visiting the hospitals of Berlin, Paris and London, returned to this country in the same year. He was appointed acting ass't surg. in the U. S. service, and was detailed to the Cuyler hosp. at Germantown. In 1865 he resigned from the service in order to enter upon private practice, and that he might be enabled to fill the position of surg. in charge of the Philadelphia eye and ear hospital. This institution, incorporated in 1869 as the "Philadelphia Eye and Ear Infirmary," he had founded in 1864, having especially directed his studies towards ophthalmology while abroad. In 1868 he delivered a course of lectures to physicians upon the accommodation and refraction of the eye, and in 1870 delivered the first regular course of clinical lectures upon ophthalmology ever given in Philadelphia—a course continued in 1871–72. He was elected ophthalmic surg. to the med. dep't of the Philadelphia German society in 1870, and in 1872 was elected one of the surgeons to the Wills' ophthalmic hospital, both of which positions, as well as that of chief of the Philadelphia eye and ear infirmary, he still retains. Several other positions, to which he was elected by prominent benevolent institutions, he was for want of time compelled to decline. He has contributed largely to professional periodicals, both in Europe and America; his most noteworthy papers being: "On Persistent Pupillary Membranes;" "On the Measurement of the Prominence of the Eye, with a New Instrument Therefor;" "Reports on Cataract Operations;" "On an Instrument for Measuring the Face and Nose for Fitting Spectacle Frames, and a New Scheme for Recording Cases of Refraction;" "Impairment of Vision the Result of Dental Irritation;" "On Air as an Anæsthetic in Ophthalmology;" "On Sympathetic Ophthalmia;" "On Ametropia being a cause of Blepharitis." He is a member of the Philadelphia co. and Pennsylvania med. socs.; of the American med. asso.; and of the International ophthalmological congress; of the Pennsylvania historical soc., etc., etc. He was married in 1858 to Sallie E., daughter of Jacob Steiner, Esq., of Philadelphia.

BROOKS, JOHN G., Paducah, Ky., of American parentage, was born, Oct. 5th, 1840, in Montgomery co., Tenn. He graduated from the Jefferson med. coll., Philadelphia, in March, 1868, and settled at Paducah, Ky., going thence to the island of Mani, in the Hawaiian kingdom, from which he returned to Paducah, where he now resides. His practice includes two cases of traumatic tetanus successfully treated by large doses (two and three grains) of sulphate of morphia, administered hypodermically. He is a member of the Paducah med. club; the south. western Ky. med. asso.; the Ky. State med. soc.; and the Am. med. asso. Has been three years city phys. of Paducah; and is now examining surg. of the pension bureau. Since he returned to America was offered by the Hawaiian government the position of travelling physician for the islands of Mani, Molokai, and Lamai, but declined the offer. He was married, May 20th, 1875, to Mary King, of Paducah.

SHAKESPEARE, EDWARD ORAM, Philadelphia, was born, May 19th, 1846, in New Castle co., Del. Through his father, Wm. M. Shakespeare, of Dover, Del., he is descended from Edmund Shakespeare, one of the brothers of the poet, and through his paternal grandmother from the "Lords of the Isles" and the Thanes of Argyle and Kintyre; while through his mother, Catharine Haman, he inherits the blood of the ancient barons of

Crévequer and Cetham. Beginning his academical course at Reynolds' classical acad. at Dover, Del., he finished it at Dickinson coll., from which he graduated in June, 1867, when he at once entered the med. dep't of the univ. of Pa., graduating in March, 1869. He first settled in Dover, Del., but in Feb., 1874, removed to Philadelphia, where he still resides. He occupies the position of lecturer on refraction and accommodation of the eye, and operatic ophthalmic surgery in the univ. of Pa., and ophthalmic surgery is his specialty. He is a member of the Del. med. soc.; the Northern med. soc.; the Philadelphia co. med. soc.; and the patholog. soc. of Philadelphia. He contributed to the *American Journal of Medical Sciences* for Jan., 1876, a paper on "A New Ophthalmoscope and Ophthalmometer, devised for Clinical Use, and for Physiological and Therapeutical Investigation on Men and Animals." In 1873 he was clerk of the senate in Delaware.

HAZEN, MINER C., Haddam, Conn., was born in Agawam, Mass. Feb. 11th, 1829, of New England ancestry. He was educated at the Conn. literary institution at Suffield, and in the univ. of Mich., graduating from the latter in 1855, and settling first in Middletown and next in Haddam. He is a member of the Am. med. asso.; of the central med. asso.; of the Conn. State med. and Middlesex co. med. socs.; is also examining surg. for U. S. pensioners. In April, 1852, he married Lemira R., daughter of Orrin Judson, Esq., of Bristol.

KEMPER, GENERAL WILLIAM HARRISON, Muncie, Ind., was born in Rush co., Ind., Dec. 16th, 1839. His parents are Kentuckians and his grandparents Virginians, the stock being originally German. In early life he obtained a common school education, and his medical studies were pursued, first in the univ. of Mich. in 1864 and 1865, and then in the Long Island coll. hosp. at Brooklyn. He graduated M. D. at the latter institution in June, 1865, and settled in Muncie, where he commenced general practice. He is a member of the Ind. State med. soc., and of the Muncie acad. of med. Is author of various articles on medical and surgical subjects contributed to medical journals, and of papers read before medical societies. Among some of them the report of a case of "Podelcoma," in the *American Practitioner* for Sept., 1876, thought to be the only case reported in this country; one on "Exophthalmic Goitre," and another on "Retention in Utero of the Dead Fœtus," before the Ind. State med. soc. for 1871 and 1875. From 1872 to 1875 he was coroner of Delaware co., Ind., and since 1872 has been U. S. examiner for pensions. During 1861 he served in the U. S. army as a private in 7th reg., Ind. vols.; to 1863 as hosp. steward of 17th Ind. vols., and afterwards as ass't surg. of the same regiment. During the session of 1875–76 he was ass't to the chair of obstetrics and diseases of women and children in the coll. of phys. and surg. of Indiana. In Aug., 1865, he married Hattie, daughter of William Kemper, Esq., of Oskaloosa, Iowa.

GRAY, ROTHEUS AUGUSTUS, Shasta, Cal., son of Rotheus Derwentuater Gray, and a descendant in the seventh generation of Sir Hugh Gray, was born in Lowell, Mass., Aug. 5th, 1851. Educated at Santa Clara coll., Cal., and at Bowdoin coll., he received his degree of M. D. from the med. school of the latter institution in 1872; is also an A. B. from Bowdoin coll. He practised medicine for a short time in Saccarappa, Me., and in 1874 removed to Shasta, Cal. He is a member of the Me. State med. soc., and of the Cal. State med. soc. In 1872 he was appointed ass't surg. in the U. S. civil marine service and attached to the hosp. at Portland, Me. Since Feb. 1st, 1876, he has been surg. to the Shasta hosp., and since Jan. 1st, 1877, surg. to the Tehema hosp. He married, June 11th, 1872, Mary, daughter of Albion Leabury, Esq., of Yarmouth, Me.

GERRISH, FREDERIC HENRY, Portland, Me., was born in Portland, March 21st, 1845. He graduated at Bowdoin coll. in 1866, and at the med. school of Maine in 1869, establishing himself in his native city. Since 1873 he has been prof. of mat. med. and therap., and since 1876 also lecturer on public health, in the med. school of Me.; was prof. of therap., mat. med. and physiol. in the univ. of Mich. in 1874 and 1875; is instructor in physiol. and histol. in the Portland school for med. instruction; and since 1874 has been pathologist to the Me. general hosp. He is a member of the Me. med. asso.; and of the Cumberland co. med. soc., of which he was elected president in Nov., 1876; and of the Am. med. asso.

FOSTER, LENORA, Otsego, Mich., was born at Brainard, Windsor co., Vt., July 29th, 1815. Having received an ordinary English education, he read medicine under Dr. John Bennett, of Woodstock; attended lectures in the Vt. med. coll., and was graduated thence M. D. in June, 1840. After practising for a year in Woodstock and for four years in Windsor, Vt., he finally estab-

lished himself, in Aug., 1845, at Otsego. Of his more important surgical operations may be mentioned a successful amputation at ankle-joint by raising the foot at the instep and carrying it back. He is a member of the Allegan co. med. soc., president in 1851; of the Kalamazoo valley med. soc., president in 1865; of the Mich. State med. soc., first vice-president in 1871; and of the Am. med. asso. He has twice married: (1) Oct. 21st, 1841, to Marcia, daughter of Edmund Stone, Esq., of Cavendish, Vt.; and (2) July 15th, 1874, to Mrs. Mary M. Kromer, of Cannonsburg, Mich. He is now a widower.

FORD, WILLIAM HENRY, Philadelphia, son of William Ford, of Chester, Pa., and for many years a prominent merchant of Philadelphia, of Anglo-German ancestry, was born in Philadelphia, Oct. 7th, 1839. His literary and classical education was obtained at Lawrenceville high school, and at Princeton coll., N. J., graduating at the former in 1857 and at the latter in 1860. He pursued his medical studies at the Jefferson med. coll., taking his degree of M. D. at that institution in 1863. In 1865 he visited Europe, where he remained nearly three years in the study of languages, following special medical studies at the universities, and attending the hospitals of Bonn, Berlin, Heidelberg, Vienna, Paris, and London. He returned to this city in 1868, when he immediately commenced private practice. In 1869 he was elected a member of the patholog. soc. of Philadelphia, in 1870 a member of the coll. of phys., in 1872 a member of the Philadelphia obstet. soc., and in 1874 a member of the Am. public health asso. He is the author of a thesis on "Gunshot Wounds of the Chest," suggested by experience in military hospital wards, and illustrated by cases treated; also editor of the reports of the board of health of Philadelphia; compiler of vital statistics of Philadelphia for the years 1872–73–74–75; author of "Statistics of Births, Marriages, and Deaths in the City of Philadelphia," 1874; and of "Notes of Clinical Lectures," *Medical and Surgical Reporter*, 1864 and 1865. He also acted as one of the associate editors of the *Philadelphia Medical Times* in 1870 and 1871. In 1863 he was elected res. phys. to Philadelphia hosp., and was re-elected in 1864; during 1869–70–71 he was ass't demonstrator of anat. in the Philadelphia school of anat.; member of the Centennial medical commission of Philadelphia, and chairman of its committee on sanitary science, in 1876, and delegate to the International med. congress assembled in Philadelphia the same year. In 1871 he was appointed a member of the board of health of the city of Philadelphia, and has since been twice reappointed—is now secretary of the board. In this position he has devoted much time and labor on behalf of measures which have for their object the improvement of the sanitary condition of the city, and has also labored earnestly to extend the scope and improve the character of the annual publications of the board, especially in regard to the subject of vital statistics. In 1876 he was elected phys. to the Foster Home. In 1862 he was appointed acting med. cadet, U. S. army, stationed at the Wood street U. S. army general hosp., Philadelphia; also, in the same year, was detailed as med. officer on board the hospital-steamer "Whilldin," in the Pamunky river, and, continuing in the service, was again stationed at Wood street hosp. till the spring of 1863. In the summer of 1863 he was appointed ass't surg. of the 44th reg. Pa. vols., and soon after surg., and continued with the regiment till the retreat of Lee after the battle of Gettysburg, when he was mustered out of the service.

BURTON, MATTHEW HENRY, Troy, N. Y., was born in Albany, March 16th, 1833. He pursued his studies in Albany med. coll., graduating M. D. from that institution in Dec., 1853, and located in Troy. He is a member of the Rensselaer co. med. soc., was its president in 1870; and is permanent member of the N. Y. State med. soc., and the Am. med. asso. He has been for fifteen years attending phys. and surg. to Troy hosp.; was coroner during 1858–59–60, and for nine years past has been health officer of the city of Troy. He is surg. of the 3d div. N. G., State of N. Y. In June, 1858, he married Frances L., daughter of Anthony Seiler, of Troy.

KITCHEN, JOHN M., Indianapolis, Ind., was born in Piqua, Miami co., Ohio, July 12th, 1826. Without the advantages of a liberal education and with no opportunity of securing one, he resolved to study medicine, and after suitable instruction in the office of a local practitioner of good standing, attended lectures in the Jefferson med. coll., Philadelphia, and the University med. coll., New York city, graduating in the latter institution in March, 1846. Commencing practice in Fort Wayne, Ind., he remained there until 1849, when he went to California as second doctor on an emigrant ship. Upon arriving, after a seven months' voyage around Cape Horn, at San Francisco, he immediately entered into practice, continuing until March, 1850, when he went on foot to the mining regions near the head waters of the Yuba river,

and established a small hospital for miners; in this hospital he performed the duties of cook, nurse and physician. This experience afforded many valuable lessons in practical medicine, for the difficulty in procuring medical supplies frequently made it necessary to rely more upon nature than art in the management of disease, and the results often being unexpectedly favorable served to make a lasting impression. Finally, in 1851, Indianapolis was selected for a permanent location, and for twenty-six years he has endeavored conscientiously to perform the duties required of a general practitioner of medicine and surgery, but not having a taste for writing, has only occasionally contributed brief articles for medical journals. He is a member of the Marion co. med. soc.; of the Ind. State med. soc.; and of the Am. med. asso., and has also at different times held the following positions: president of the board of trustees of the city hospital; trustee of the Ind. institution for the deaf and dumb; phys. to the State institution for the blind; consulting phys. to the city hosp.; consulting phys. to the State institution for the deaf and dumb; and surg. in charge of U. S. army general hosp. at Indianapolis, from 1861 to 1865. In Oct., 1853, he was married to Mary F., daughter of John H. Bradley, Esq.

KITCHEN, HENRY W., Cleveland, O., was born in Massillon, O., July 8th, 1844. His literary education was received at Otterbein univ. and the univ. of Mich., and his medical education partly in the univ. of Mich. and at Wooster univ., where he graduated in Feb., 1871, settling in Cleveland, O., in general practice, but made surgery his specialty. In 1871 he was demonstrator of anat. in the med. dep't of Wooster univ., and in 1872 was elected to the chair of anat. He is also one of the attending physicians to the Cleveland Charity hospital. He is a member of the Ohio State med. soc.; the Cuyahoga co. med. soc.; and the Cleveland med. and patholog. socs. During 1873 and 1875 he was health officer of the city of Cleveland.

LEMEN, HARRISON AUGUSTUS, Denver, Col., was born in St. Clair co., Ill., Sept. 26th, 1840. His family is of Scottish descent, first settled in this country in Virginia, the branch from which he is directly descended having migrated to Illinois in 1790. Educated at the State public schools, and subsequently under private tutorship, he entered the St. Louis med. coll., graduating after a four years' course. Making specialties of diseases of the chest and medical microscopy, he established himself at Olney, Ill., where he rapidly acquired a large practice, and was very generally called in in serious cases as consulting physician. In 1873 he removed to Denver, Colorado, where he has since remained. He is a member of the Colorado med. soc.; of the Denver med. asso.; corres. member for Colorado of the St. Louis med. soc.; and member and secretary of the State board of health of Colorado. His only publications have been his reports of the State board of health, and papers published in the proceedings of the State med. soc. of Col. During the war he had charge of the Olney U. S. post hosp. until that institution was discontinued. He was married, May 16th, 1866, to Virginia, daughter of Col. John Thomas, of Belleville, Ill.

LINCOLN, DAVID FRANCIS, Boston, Mass., of Puritan descent, was born in Boston, Jan. 4th, 1841. Educated at the Boston Latin school, Harvard coll. and Harvard med. school, he graduated from the latter in 1864. For eighteen months previous to his graduation he served as acting ass't surg. in the U. S. navy; has been since then for eighteen months a student in the universities of Berlin and Vienna, and in 1867 established himself in Boston, making, since 1871, a specialty of the treatment of nervous diseases. He is a member of the socs. for med. observation and of the med. sciences, and also of the Am. neurological asso. As a medical author, his most important work is "Electro-Therapeutics" (i. vol., 12mo., pp. xii., 186), 1874; and he has furnished papers to the *Boston Medical Journal*. He has also published a number of noteworthy essays upon school hygiene.

MUSSER, MILTON B., Philadelphia, was born in Strasburg, Lancaster co., Pa., Oct. 20th, 1846. He was educated at the Normal school, Millersville, Pa., and pursued his medical education at Bellevue and Jefferson med. colls., whence he graduated in 1868. He settled in practice in Philadelphia and became a member of the obstetrical and pathological societies of that city. He is obstetrician to the Philadelphia hospital.

MURRAY, LANDON SPRAY, Medina, O., was born in Guilford, Medina co., O., Sept. 8th, 1839, of American parentage. He was educated at the Ohio Wesleyan univ., Delaware, O., and pursued his medical studies at Wooster univ., Cleveland, O., whence he graduated in Feb., 1868, settling immediately after in Medina. He is a member of the Am. med. asso.; of the northeastern Ohio med. asso.; and of the alumni asso. of med.

dep't of Wooster univ.; censor of the med. dep't of the same institution, and member of the Ohio State med. soc. In Jan., 1871, he married Mary, daughter of William G. Lawrence, Esq., of Cleveland, Ohio.

FOLSOM, CHARLES FOLLEN, Boston, Mass., descended from families originally English, settled in this country for upwards of two centuries, was born at Haverhill, Mass., April 3d, 1842. Having received an academical education, he entered Harvard univ., graduating from the collegiate dep't in 1862, and from the med. school in 1870, having meanwhile pursued his professional studies. He established himself in general practice in Boston, where he has been visiting phys. to the Mass. infant asylum, Carney hosp. and Boston dispensary, and later, first ass't phys. to the McLean insane asylum at Somerville, where he has since remained. He is a member of the Mass. med. soc.; of the health dep't of the social science asso., and of the Boston societies for med. observation, med. improvement, and of the med. sciences. As an author his writings have been confined to health reports, and to contributions to med. journals; among his notable papers furnished to the latter may be mentioned: "Limited Responsibility;" "General Paralysis;" "Insanity in England and America;" "Letters from Europe," in the *Boston Medical and Surgical Journal.* He spent the year 1873–74 and the summer of 1875 studying in Europe. At present he is secretary of the State board of health.

BRIGHAM, CHARLES BROOKS, San Francisco, Cal., was born, Jan. 17th, 1845, at Boston, Mass. He was educated in the Boston Latin school, graduating in 1862; Harvard univ., graduating 1866; and in the med. dep't of the same institution, from which he graduated with the degree of M. D., March 19th, 1870. During the Franco-German war of 1870–71 he served as surg.-in-chief of the école forestiére ambulance at Nancy. Returning to this country he located at San Francisco, Cal., where he still continues, making a specialty of surgery. He is a member of the soc. of med., Nancy; Cal. State med. soc.; San Francisco med. soc.; Cal. acad. of sciences. The most important of his contributions to medical literature are "Diabetes Mellitus," which received the first prize of the Boylston med. soc., Boston, 1868; "Quelques Observations Chirurgicales," Paris, 1872; "Surgical Cases, with Illustrations," Boston, 1876. In 1873–74 he was prof. of orthopœdic and military surgery in the univ. of Cal., and is now surg. to the French hosp. of San Francisco. He is a chevalier of the legion of honor, France, and of the crown order, of Germany.

STRONG, CURTIS CLARK, Portland, Oregon, was born, Dec. 2d, 1848, at Cleveland, Ohio. After receiving an academic education in the schools of Oregon, Ohio and New York, he took two courses in the med. dep't of the univ. of Buffalo, N. Y., and subsequently entered Bellevue hosp. med. coll., New York, from which he graduated, taking the degree of M. D. Feb. 29th, 1872. Immediately upon graduating he located in Portland, Oregon, and has since been there engaged in the general practice of his profession, making obstetrics a specialty. He is a member of the med. soc. of the State of Oregon, holding therein the position of permanent secretary since Sept. 14th, 1875. He is now serving as county phys. and as phys. in charge of the Good Samaritan hosp. He was married, Oct. 7th, 1874, to Alice M., daughter of Robert Henderson, Amity, Oregon.

NIVISON, NELSON, Burdett, N. Y., of Scotch-English descent, was born in Ulysses, Tompkins co., N. Y., May 27th, 1816. Having received an academical education, his professional education was obtained at the coll. of phys. and surg. of the Western district of New York; at the Geneva med. coll., and at the univ. of New York; his degree of M. D. being obtained from the Geneva institution in 1856, and from the univ. in 1859. Beginning his active professional career at Mecklenburg, N. Y., in Jan., 1839, he practised in that village during the ensuing ten years; from 1849 to 1861 in Hector, N. Y., and since 1861 in Burdett. He is a member of the Schuyler co. med. soc., of which he was one of the founders, and of which he has served as president; of the New York med. soc.; of the Am. med. asso., and from 1839 to 1854 of the Tompkins co. med. soc. As an author he has occasionally contributed reports and essays to professional periodicals, one of his more important papers being "On Certain Antagonistic Effects of Opium and Quinine," published in the *American Journal of Medical Sciences*, and extensively commented upon in the leading medical publications. From about 1863 to 1872 he was prof. of physiol., pathology and microscopic anat. in the Geneva med. coll., and since 1872 has been prof. of physiol., pathol. and hygiene in the med. school of the Syracuse univ. He married, July 10th, 1843, Catherine, daughter of Abram C. Colegrove, Esq., of Trumansburg, N. Y.

ROGERS, JOSEPH GOODWIN, Madison, Ind., was born at Madison, Nov. 23d, 1841. Confined to his bed from his twelfth to his eighteenth year by Pott's disease of the spine, he pursued during this period a collegiate course of study. Upon his recovery he read law for a year, and then began the study of medicine. Entering Bellevue hosp. med. coll., he graduated thence M. D. in 1864, and in the same year entered upon practice in Madison, being until the close of the war an acting ass't surg. U. S. vol. army, in the Madison general hosp. In 1865–66 he travelled in Europe, attending the clinics of Paris, and especially the ophthal. clinics of Demarres, Liebreich, Wecker, and those of Trouseau and Nelaton. On returning to America he resumed practice at Madison, paying especial attention to ophthalmology. He is a member of the Am. med. asso.; Indiana and Jefferson co. med. socs.; Am. asso. for the advancement of science, and Am. master mechanics' asso. In 1875–76 he was prof. of mat. med. and therap. in the Ind. coll. of phys. and surg. Among the more important of his publications are papers upon "Carbolic Acid in Purulent Ophthalmia;" "Treatment of Wounds of Eye-ball;" and on the use of "Sayre's Splint in Hip Disease." He married, June 20th, 1872, Margaret, daughter of Dr. W. H. Watson, of Bedford, Pa.

ZINSSER, FREDERICK, of New York, was born, Sept. 22d, 1837, in the Palatinate, Germany. He was educated at the gymnasium of Mentz, and in the univs. of Giessen, Wirzburg, Berlin and Vienna, graduating at Wirzburg in 1860. After two years practice in that city he came to this country and settled in New York in 1862, directing his attention especially to the treatment and cure of skin and venereal diseases. He is a member of the New York co. med. soc.; of the coll. of phys. of the German hosp. of New York; was vice-president of the New York dermatological soc. during the years 1871 and 1872, and was corres. secretary of the same soc. during 1870 and 1871. He is also surg. to the German hosp. of New York, dep't for skin and venereal diseases.

OPIE, THOMAS, Baltimore, Md., was born, Feb. 14th, 1840, at Martinsburg, Berkeley co., West Va., his parents being Hierome L. and N. S. Opie. After receiving a preparatory education at Pike Powers' school, Staunton, Va., he passed two sessions in the univ. of Va., and subsequently entering the med. dep't of the univ. of Pa., graduated with the degree of M. D., March 14th, 1861. Soon after graduating he entered the army of the Confederate States as surg. of the 25th Va. reg., afterward being placed in charge of a division hosp. at Staunton, Va. Quitting the army in 1865, he located in Baltimore, where he entered upon the private practice of his profession. He is a member of the med. and chirurg. soc. of Md. He has held the position of dean of the faculty of the coll. of phys. and surg. of Baltimore, Md., from its organization in 1872, and is now filling the chair of obstetrics in the same institution, and obstetrician in the Md. lying-in hosp., Baltimore. He was married, Nov. 13th, 1867, to Sally Harman, daughter of Col. M. G. Harman, of Staunton, Va.

STRYKER, SAMUEL STANHOPE, Philadelphia, was born, May 4th, 1842, at Trenton, N. J. His parents and ancestors were American. He was educated at Lawrenceville and Princeton, N. J., and graduated from the med. dep't of the univ. of Pa. in March, 1866, settling in West Philadelphia. He is a member of the patholog. soc., and of the obstet. soc. He is visiting accoucheur to the Philadelphia hosp.

RAYMOND, JOSEPH HOWARD, Brooklyn, N. Y., was born in Brooklyn, Nov. 18th, 1845. Having received his preparatory education at the Brooklyn collegiate and polytechnic institute and Williams coll., whence he graduated A. B. in 1866, and A. M. in 1869, he entered the Long Island coll. hosp. and graduated thence M. D. in 1868. In the following year, having attended lectures in due form, he graduated M. D. from the coll. of phys. and surg., New York, and thereafter established himself in general practice in Brooklyn. In 1870–71 he was house phys. and surg. to the Nursery hosp. on Randall's island; in 1871–72 house phys. and surg. to the Brooklyn city hosp.; is at present (1877) visiting phys. to St. Peter's hosp.; sanitary inspector, Brooklyn board of health, elected in May, 1873; and prof. of physiol. in the Long Island coll. hosp., elected in March, 1875. He married, September 2d, 1875, Nannie Van Nostrand, daughter of William G. Gardiner, Esq., of Eaton's Neck, Suffolk co., Long Island.

RICHARDSON, JAMES A., Salem, Oregon, was born in Adams co., Ill., Nov. 15th, 1840, of English and Irish parentage. He received his medical education at the Toland med. school, San Francisco, and at Bellevue hosp. med. coll., New York, graduating at the former in 1866, and at the latter in 1870. He first commenced practice

at Amity, Yamhill co., Oregon, but afterwards removed to Salem. He is a member of the Oregon State senate, and of the Oregon State med. soc., and has filled the chair of materia medica in the med. dep't of Willamette univ.; he is physician to the Oregon State penitentiary, and to the institution for the deaf and blind. In May, 1871, he married Fannie, daughter of John Boid, Esq., of McMinnville, Oregon.

DUHRING, LOUIS A., Philadelphia, was born in that city, Dec. 23d, 1845. His father, Henry Duhring, came to this country, in 1818, from Mecklenburg, Germany, and became one among the most successful merchants in Philadelphia. His mother was a native of St. Gall, Switzerland. He pursued his studies at the univ. of Pa., graduated from the med. dep't in 1867, and was shortly after elected one of the resident physicians to the Philadelphia hosp. In this position he remained fifteen months, during which time he commenced the study of cutaneous diseases, a branch of medicine for which he already showed marked aptitude and taste. On the expiration of his term as resident physician, he sailed for Europe, and spent two years in acquiring a thorough knowledge of dermatology in the hospitals of Paris, London and Vienna, the greater part of his time being passed in the latter city, under the tuition of the celebrated Hebra. While abroad, he wrote several papers on affections of the skin for the medical journals, all of which gave evidence of careful study and practical ability. He returned home, and, in the latter part of 1870, founded and opened the Philadelphia dispensary for skin diseases, a branch of medicine heretofore sadly neglected in the United States. About this time he also became one of the editors of the *Photographic Review of Medicine and Surgery*. In the spring of 1871 he was elected clinical lecturer upon diseases of the skin in the univ. of Pa., and four years later he was elected prof. of diseases of the skin in the hospital attached to that institution. He is a permanent member of the Am. med. asso.; vice-president of the Am. dermatological asso.; a member of the Philadelphia coll. of phys.; of the pathol. soc., and a corres. member of the New York dermatological soc.; member of the Philadelphia co. med. soc.; delegate to the International med. congress in 1876. He is the author of "A Practical Treatise upon Skin Diseases;" "Atlas of Skin Diseases," and has contributed freely to the leading medical periodicals of America. His practice is confined entirely to diseases of the skin.

STODDARD, ENOCH VINE, Rochester, N. Y., was born in New London, Conn., July 10th, 1840. His ancestors were among the first settlers of that State, arriving there as early as 1635. He received his literary education at Trinity coll., Hartford, and his medical education at the med. dep't of Yale in 1861–62, and graduated at the Albany med. coll. In 1863, after graduating, he entered the army, and settled in Rochester in 1865 on his return from the army. He is a member of the Monroe co. med. soc., and of the Rochester med. soc., being president of the former in 1875 and 1876, and of the latter in 1875. He has contributed various articles to the medical journals; was surgeon of the 65th reg. N. Y. vols. during 1863 and 1864. He holds the position of prof. of materia medica and hygiene in the med. dep't of the univ. of Buffalo. He married, June 3d, 1868, Kate, daughter of Eleazer Conkey, Esq., of Rochester, N. Y.

MCCLELLAND, MILO ADAMS, Knoxville, Ill., was born at Sharon, Beaver co., Pa., Jan. 28th, 1837; ancestry Scotch-Irish, found among the earliest settlers of Pennsylvania. He was prepared for college at Beloit, Wis.; took one course of lectures at Rush med. coll., Chicago; graduated at Bellevue hosp. med. coll., New York, March, 1867, and settled in Canton, Ill., but after a short time removed to Knoxville. His practice is a general one: his preference inclines to surgery. He is a member of the Am. med. asso.; of the Ill. State med. and the Military tract med. socs., was president of the latter in 1873, and is a corres. member of the New York medico-legal soc. Has contributed numerous papers to various medical journals and to his local society; to the latter he contributed a "Report on Malpractice" in 1873. This he subsequently enlarged, and it has recently been issued from the press of Hurd & Houghton, under the title of "Civil Malpractice: a Treatise on Surgical Jurisprudence." The work is a comprehensive treatise on the legal relations medical men sustain to the public, and contains chapters on fractures, dislocations, amputations, obstetrics, ophthalmic, miscellaneous and medical cases. From the cordial indorsement of eminent legal and medical men, and of the press, it bids fair to become the standard work on this branch of medical jurisprudence. He has been county physician to Knox co. for eight years; lecturer on physiology and hygiene and medical attendant at St. Mary's school for girls, Knoxville, Ill., the past three years; was for a short time clerk for company G, 69th reg. Ill. vols.; is

medical examiner for a number of insurance companies. In 1865 he married Louisa J. Bowman, daughter of John Bowman, Esq., of Knox co., Ill.

FROST, CARLTON PENNINGTON, Hanover, N. H., was born, May 29th, 1830, at Sullivan, N. H., his parents being Benjamin and Mary C. (Brant) Frost. He was educated at the Thetford (Vt.) academy, Dartmouth coll., Dartmouth med. coll., and New York med. coll., graduating from both institutions in 1856. After spending several months in the hospitals on Blackwell's island, he commenced the practice of his profession in St. Johnsbury, Vt., in July, 1857, remaining there until Sept., 1862, when he entered the service of the United States as surgeon of the 15th reg. Vt. vols., subsequently serving from May, 1863, until June, 1865, as surgeon to the board of enrolment, 2d Congressional district, Vt. From July, 1865, to Dec., 1871, he continued in practice at Brattleboro', Vt., in the latter year removing to his present location. He was appointed ass't prof. of science and practice of med. in Dartmouth med. coll. in 1868, and prof. of the same departments in 1870; he has also, since 1872, served as dean of the faculty of that institution. He is a member of the Vt. med. soc., of which he was in 1868 president; N. H. med. soc.; Conn. River Valley med. soc., of which he was vice-president in 1869; White Mountains med. soc. He was married, Oct., 1857, to E. A., daughter of Earl Du Bois, of Randolph, Vt.

ERWIN, GEORGE THEODORE, Danville, Ky., son of John and Martha Bell (Boice) Erwin, was born in Danville, Ky., July 24th, 1837. Educated at Centre coll., Danville, and in the med. dep't of the univ. of Louisville, he received his degree of M. D. from the latter institution in 1858, and entered upon practice in his present location in 1872. He is a member of the Boyle co. med. soc., secretary from June, 1870, to Dec., 1874, when he resigned the office; of the Central Ky. med. asso., elected permanent secretary in Jan., 1874, and of the Ky. State med. soc. During the late war he served as an ass't surg. in the Confederate States army, being attached to the 8th Ark. reg.

FRANCIS, SAMUEL WARD, Newport, R. I., was born, Dec. 26th, 1835, at New York, his parents being Dr. John W. (whose ancestors came from Germany), and Maria Eliza Cutler (Francis). His mother was a grandniece of Gen. Francis Marion, of South Carolina, and connected with Charlotte Corday, and was paternally descended from the Cutlers of England. After receiving an academic education, he entered Columbia coll., N. Y. (A. B. 1857; A. M. 1860), and subsequently the univ. of N. Y., graduating therefrom with the degree of M. D. in 1860. He first located in practice in New York, subsequently removing to Newport, R. I. He took the Mott prize medal for best record of cliniques in the univ. of N. Y. He was the physician in cases of diseases of the head and abdomen at the N. Y. dispensary in 1860–61, and in 1861–62, and subsequently, in diseases of the skin. He is the author of a medical essay on "Water," 1861; "Mott's Clinics," 1860; "Biographical Sketches of Distinguished Living New York Physicians," 1867; "Biographical Sketches of Distinguished Living New York Surgeons," 1866; "Inside Out," 1863; "Life and Death," 1870; "Curious Facts Concerning Man and Nature," 1874–75; "Invention of Transparent Treatment," and has patented twelve inventions. He is a fellow of the N. Y. acad. of med.; member of the R. I. med. asso., and life-member of the N. Y. historical soc. He was married, June 16th, 1859, to Harriet H., daughter of Judge M. H. McAllister, of California.

ELMER, J. WILLIAM, Trenton, N. J., was born, Dec. 14th, 1840, at Bridgton, N. J., being the son of William (a descendant of Jonathan Elmer) and Eliza R. Elmer. After receiving an academic education, he entered Princeton coll., graduating June, 1861, and later the univ. of Pa., graduating and receiving the degree of M. D., March, 1864. Entering the practice of his profession, after being resident surgeon at the Episcopal and Pa. hosps., Philadelphia, he located in Bridgeton, N. J., removing in 1869 to Trenton. He is the corres. sec. of the N. J. State med. soc., and vice-president of the Mercer co. med. soc. He was married in Sept., 1869, to Alice, daughter of Justus Gray, of Columbia, Lancaster co., Pa., and is the father of three children.

MCMURTRY, LOUIS SAMUEL, Danville, Ky., of Scotch descent, was born in Harrodsburg, Ky., Sept. 14th, 1850. Graduating from Centre coll., Danville—B. A., 1870; M. A., 1874—he entered the med. dep't of the univ. of Louisiana, and from that institution received his degree of M. D. in 1873. During the ensuing year he was engaged in practice in New Orleans, being at the same time ass't demons. of anat. and chief of clinic to the chair of practice of medicine in the university. Since July, 1874,

he has been established as a general practitioner in Danville. He is a member of the Am. med. asso.; of the Ky. State med. soc., vice-president in 1877; of the central Ky. med. asso.; of the Boyle co. med. soc., and is a corres. member of the New Orleans med. and surg. asso. He has contributed papers to various medical periodicals: "Excision of the Elbow-Joint," *American Practitioner*, Feb., 1876; a series of articles signed "Alumnus of the University of Louisiana," in the *New Orleans Medical and Surgical Journal*, 1875–76–77. He delivered, by invitation, the anniversary address before the New Orleans med. and surg. asso. in 1875.

MILLARD, FORDYCE RUST, San Diego, Cal., was born in Huntsburg, Geauga co., O., April 3d, 1830. He was educated at the Western Reserve teachers' seminary, Kirtland, O., and pursued his medical studies at Rush med. coll., Chicago, whence he graduated M. D. in 1862, settling first in Beetown, Grant co., Wis., and removing to San Diego, Cal., in 1874. He is a member of the Wis. State med. asso., and of the Grant co., Wis., med. soc., was vice-president of the latter in 1865 and 1866. He has contributed a few articles to the *Medical and Surgical Reporter* and to the *Chicago Medical Journal*. He is a prominent member of the order of A. F. and A. M., having frequently held official positions therein. In Jan., 1874, he married C. M., daughter of J. C. Lowar, Esq., of Buffalo, N. Y.

DENISON, CHARLES, Denver, Col., was born, Nov. 1st, 1845, in Royalton, Vt., where his grandfather, Joseph A. Denison, and his father, of the same name, were both physicians of note. His mother was Eliza Skinner. After attending the academy in his native town, and the Kimball Union acad., Meriden, N. H., he passed the freshman year at the univ. of Vt., and finished his collegiate course at Williams coll., Williamstown, Mass., graduating in the summer of 1867, having already begun the study of medicine; Prof. S. W. Thayer, Burlington, Vt., was his preceptor. In 1869 he graduated as valedictorian from the med. dep't of the univ. of Vt.; and having studied in New York city one year, and been house surg. of the Hartford city hosp. for the like period, settled in 1871 in Hartford, Conn.; but, attacked by pulmonary hemorrhage in Dec., 1872, went to Texas and Florida to spend the winter and spring. In Oct., 1873, he removed to Denver, Col., where he has specially devoted himself to the study of climate, having previously, in Hartford, directed his attention to diseases of the eye and to mechanical surgery. In 1873 and 1874 he spent much time and pains in gathering statistics relating to climate and consumption, receiving communications on this point from 700 physicians in all parts of the United States. Formerly a member of the Hartford city med. soc., he is now a member, elected in 1874, of the Col. State med. soc., of which he is also secretary; of the Denver med. asso., of which likewise he is secretary, having been a member three years, and secretary one; of the Am. med. asso., elected in 1875, in which latter body he was a member of the special committee on the "Influence of the Climate of Colorado on Pulmonary Diseases," reporting on behalf of the committee in 1876; and was a delegate to the International med. congress, to which he reported on the "Influence of High Altitudes on the Progress of Phthisis." Besides the reports above mentioned, his contributions to medical literature include letters to medical journals: "Colorado as a Health Resort in Winter," *Chicago Medical Examiner*, Jan. 15th, 1874; "The Extension Windlass," *New York Medical Journal* for May, 1875; "The Best Welfare of Invalids Seeking the Benefits of Climate, with Suggestions for the Coöperation of Physicians, Life Insurance Companies, etc.," 1875; and "Climatic Map of the Eastern Slope of the Rocky Mountains," 1876, just ready for the press and forming part of his report to the International med. congress. While a medical student, he was instructor of gymnastics in the univ. of Vt. He is unmarried.

PIFFARD, HENRY G., New York, was born, Sept. 10th, 1842, at Piffard, Livingston co., N. Y., his paternal ancestors being originally from Dauphiné, France, and his maternal ancestors New York Dutch. Receiving a collegiate education at the univ. of the city of New York, from which he received the degrees of A. B. and A., M. he matriculated in the coll. of phys. and surg., New York, receiving therefrom the degree of M. D. After serving as an interne at Charity and Bellevue hosps., in 1864–65, he located in private practice in the city of New York, where he has made a specialty of dermatology and venereal diseases. He is a member of the med. soc. of the county of New York; New York acad. of med.; New York acad. of sciences; New York Medical Journal asso.; New York dermatological soc., of which he was elected president in May, 1876; and the Am. dermatological soc., etc. The most important of his contributions to medical literature are a translation, from the French of A. Hardy, of the "Dart-

rous Diathesis," New York, 1868; "A Guide to Urinary Analysis," New York, 1873; "An Elementary Treatise upon Diseases of the Skin," New York and London, 1876. Since 1869 he has been surg. to the New York dispensary for diseases of the skin, and since 1871 surg. to the Charity hosp., New York. In 1873–74 he served as lecturer on urinary analysis in the univ. of the city of New York, and since 1874 as prof. of dermatology in the same institution. In 1862 he served for a short time with the U. S. sanitary commission, on the James river, Va., and in 1867–68 as surg. in the 7th reg. national guard, N. Y. He has been connected as medical examiner with the Manhattan and Amicable life insurance companies. He was married, June 17th, 1868, to Helen H., daughter of Gen. Wm. K. Strong, of New York, and has three children.

SCHÄFFER, CHARLES, Philadelphia, was born in Philadelphia, Feb. 4th, 1838. He is the son of Charles Schäffer, a druggist in Philadelphia, and of Priscilla M. Schäffer. He was educated by a private tutor, and graduated from the med. dep't of the univ. of Pa. in March, 1859. He settled permanently in Philadelphia. He is a member of the coll. of phys. of Philadelphia; of the Philadelphia acad. of natural sciences; and of the historical soc. of Philadelphia. He is married to Martha P., daughter of Robert T. Potts, merchant, of Philadelphia.

DOWELL, GREENSVILLE, Galveston, Texas, son of James and Frances (Dalton) Dowell, was born in Albemarle co., Va., Sept. 1st, 1822. Having received an academic education—since supplemented by the study of the leading modern languages, the sciences, and general literature—he attended lectures in the med. dep't of the univ. of Louisville in 1845–46, and at Jefferson med. coll. in 1846–47, and from the last-named institution received his degree of M. D. Until 1852 he practised at Como, Miss.; in 1853, after an intermediate year at Memphis, Tenn., removed to Texas, practising successively in Gonzales and Brazonia counties, and in 1865 finally established himself in Galveston. For two years, 1865–66 and 1866–67, he filled the chair of anatomy in the med. dep't of the Soulé univ., and temporarily, until the school was changed by special charter to the Texas med. coll. and hosp., as well as being prof. of surg. in these two institutions from 1867 to 1877, lecturing all the time on clinical surgery at the hospital, and on operative surgery in the didactic course. He is a member of the Texas State med. soc. and of a number of other professional organizations. In 1876 he was a delegate to the International med. congress which assembled in Philadelphia. From 1866 to 1872 he was editor and publisher of the *Galveston Medical Journal;* has contributed largely to this and to other medical periodicals, and has also published works on yellow fever and hernia. In 1863 he was appointed a surgeon in the Confederate States army; was for two years surg. in charge of the Galveston general hosp., and during the remainder of the war was surgeon to Cook's reg. of heavy artillery. He has twice married: first, June 29th, 1849, to Sarah Zelinda, daughter of the late John H. White, Esq., of Como, Miss.; second, April 22d, 1868, to Mrs. Laura Baker Hutchinson, of Galveston. He has two sons and one daughter by his first wife.

ASHBRIDGE, WILLIAM, Philadelphia, was born, March 15th, 1846, in Chester co., Pa. He graduated from the med. dep't of the univ. of Pa. in 1867, and settled in Philadelphia, where he has since resided. He is a member of the patholog. soc. of Philadelphia, and a fellow of the coll. of phys. He is surg. to the German hosp., Philadelphia, and to the out-patient department of the Pa. and univ. hosps., of Philadelphia.

ANTHONY, WALTER EUGENE, Providence, R. I., was born, Dec. 12th, 1847, at Providence, R. I. He is the son of Lorenzo D. and Mary S. Anthony, his father being one of the oldest merchants in Providence, and his grandfather, Israel Anthony, having been a physician of some note seventy years ago. Fitted for college at the Highland military acad., Worcester, Mass., he graduated at Brown univ. in 1864, and at the med. coll. of the univ. of New York in March, 1867. He settled in Providence, where he has since continued to practise. He has made a specialty of diseases of children and obstetrics. He is a member of the Am. med. asso.; the Providence med. asso.; the Franklin soc.; and the R. I. med. soc., of which he has been secretary since 1874. He is the author of various articles published in the *Philadelphia Medical and Surgical Reporter;* the *Boston Medical and Surgical Journal;* and the Transactions of the R. I. med. soc. Since 1872 he has been ass't surg.-gen. of R. I. He is consult. phys. to the Providence children's nursery. He was married, May 22d, 1867, to Nelly R. Helme, by whom he has two children.

DARRACH, WILLIAM, Germantown (Philadelphia), son of Dr. William and Margaretta (Munro) Darrach, was born in

Philadelphia, Aug. 22d, 1839. Educated at the univ. of Pa., he was graduated thence B. A. in 1859, and M. D. in 1861. In the fall of 1862 he established himself in a general practice in Germantown, a suburb of Philadelphia, where he has since remained. He is a member of the Philadelphia coll. of phys. and surg.; of the Philadelphia patholog. soc.; and of the soc. of the alumni of the univ. of Pa. His professional publications have been confined to occasional papers included in the Transactions of the patholog. soc. During the late war he served as an acting ass't surg. U. S. army, being on duty for the greater portion of the time at the McClellan U. S. army general hosp., Germantown, and three months at Winchester, Va. He married, in 1875, Edith Aertsen, daughter of James M. Aertsen, Esq., of Philadelphia.

BABCOCK, HERMAN POTTER, Oakland, Cal., was born in Buffalo, N. Y., Oct. 28th, 1840. He studied at Yale coll. and afterwards at the med. dep't of the univ. of Buffalo, whence he graduated M. D. in Feb., 1863. In 1862 he was commissioned ass't surg. U. S. navy, and in 1865 passed ass't surg. He resigned from this in 1868 and entered the Pacific mail service, China line. In 1870 he settled in Oakland. He is a member of the Cal. State med. soc. and of the Alameda co. med. asso., of which he was secretary for two years and is now president. For some time he was editor of the *Western Lancet*. Under the act to regulate the practice of medicine in the State of California, approved April, 1876, he was elected member of the State board of examiners in 1876, and again in 1877. In Nov., 1863, he married Sally, daughter of Rear-Admiral Harward, U. S. navy.

HARRIS, EDWARD M., Providence, R. I., was born, Sept. 4th, 1841, at North Killingby (now called Putnam), Conn., his parents being William and Zilpah Harris. Receiving a preliminary education at district schools and at the Killingby, Conn., and Dudley, Mass., academies, he took one course of lectures in the med. dep't of Yale coll., and two courses in the med. dep't of Harvard univ., from which he graduated with the degree of M. D. in March, 1866, and soon after commenced the practice of his profession in Providence, R. I. He is a member of the Am. med. asso.; the Providence med. asso., of which he was secretary, 1869–71; and the R. I. med. soc., of which he was recording secretary in 1872–75, and since that time its corresponding secretary. Since 1868 he has been one of the phys. of the Providence dispensary, and phys. and surg. to the home for aged women. For two years he was phys. to the Providence nursery, and for three years phys. to out-patients at the R. I. hosp., of which he is still one of the visiting physicians.

ROSS, THOMAS, Woodland, Yolo co., Cal., was born in Lancaster, Ontario, Canada, May 30th, 1840, of Scotch ancestry from Rosshire, Scotland. He was educated in Lancaster; at St. Andrew's acad., St. Andrews; Quebec; and at McGill coll., Montreal, in the latter pursuing his medical studies, and graduating in May, 1863. He also holds the degree of C. M. from McGill coll., and is a licentiate of the board of phys. and surg., Ontario. He established himself in Lancaster till 1870, when he moved to Woodland and settled in general practice, but making a specialty of surgery. He is a member of the medical society of the State of California, and was its assistant secretary in 1873, and vice-president in 1877. His contributions consist of a few papers written for medical journals, or read before medical societies. He holds the position of medical examiner for various life insurance companies. In Aug., 1870, he married Mattie R. Lindsay, daughter of Capt. A. Lindsay, of Malone, Franklin co., N. Y.

SLADE, DANIEL DENISON, Newton, Mass., was born in Boston, May 10th, 1823. He is a descendant of the Bromfield, Rogers and Denison families. He was educated in the Boston Latin school, Harvard univ., and Harvard. med. coll. He graduated from the latter in 1848, spent three years in Europe perfecting himself in the various branches of his profession, settled first in Boston, but removed to Newton in 1863. He is a member of the Mass. med. soc. and of the Boston soc. of med. improvement. His contributions to medical literature have been the Fiske prize essay on "Diphtheria," the Fiske prize essay on "Aneurism," the Boylston prize essay on "Spermatorrhœa," and the Mass. med. soc's. prize essay on "Bronchitis." He has held the position of house surg. of the Mass. general hosp., surg. of the Boston dispensary, and prof. of applied zoölogy to the Bussey institution, Harvard univ. He married, May 27th, 1856, Minie Louise Hensler, daughter of Conrad Hensler, Esq., of Boston.

REYNOLDS, ALBERT, Independence, Iowa, was born, Aug. 18th, 1837, at Grand Isle, Vt., his ancestry being Scotch-Irish and English. He received his preliminary education in the common schools and at Mexico acad., N. Y. Entering the U. S. army

in Sept., 1861, he served in the late civil war successively as private, hosp. steward, and ass't surg.; resigning the latter position in Jan., 1864, he immediately entered the univ. of Vt., graduating therefrom with the degree of M. D., June 10th, 1864. Immediately upon graduating he accepted the position of ass't phys. to the Kings co. lunatic asylum, Long Island, N. Y. Sept. 1st, 1867, he entered into general practice at Clinton, Iowa, and Feb. 1st, 1873, was made med. sup't of the Iowa hosp. for insane, Independence, since which time he has been in charge of that institution. He is a member of the Iowa State med. soc., and the district med. soc., Cedar Rapids, Iowa. The most important of his contributions to medical literature are papers on "The Ophthalmoscope;" "Treatment of Insanity;" "Epilepsy." He was secretary of the board of public instruction, Clinton, Iowa, 1870–71. He was married in Oct., 1868, to Sarah, daughter of G. A. Rogers, of Chicago, Ill.

McWILLIAMS, SAMUEL ANDERSON, Chicago, Ill., was born, Feb. 9th, 1835; graduated at the Ann Arbor State univ. of Mich. in 1861, receiving the degree of A. M. in 1864; and from the Chicago med. coll. in 1866, taking at his graduation the first prize for the best medical thesis. He has always practised in Chicago, where he was lecturer in the Chicago med. coll. on urinary and renal disorders, and subsequently prof. of anat. in the woman's hosp. med. coll. of Chicago for four years, being honored on his resignation of this chair with the presentation of a gold medal. He is a member of the Chicago med. soc.; of the Chicago soc. of phys. and surg.; and of the Ill. State med. soc. He was married in Feb., 1869.

LYMAN, HENRY M., Chicago, Ill., of New England descent, was born in the Sandwich Islands, Nov. 26th, 1835. Graduating from Williams' coll. in 1858, valedictorian of his class, he entered the Harvard med. school; subsequently attended lectures at the coll. of phys. and surg., New York, and received his degree of M. D. from the latter institution in 1861—being again valedictorian of his class. Was house surg. in Bellevue hosp., New York, from 1861 to 1862. Entering the U. S. vol. army as acting ass't surg., he served until 1863 in the military hospitals at Nashville, Tenn. In 1863 he established himself in Chicago, engaging in a general practice, but paying especial attention to diseases of the nervous system. From 1870 to 1876 he was prof. of chemistry in Rush med. coll., and since Oct., 1876, has been prof. of diseases of the nervous system in the same institution. In 1864 he was elected a member of the Chicago med. soc. As a medical author his writings have been restricted to contributions to professional periodicals. Since 1869 has been one of the attending physicians to the Cook co. hospital in Chicago. He married, in 1863, Sarah K., daughter of Rev. E. W. Clark, of Chicago.

MILES, ABIJAH J., Cincinnati, O., was born at Troy, O., March 31st, 1834. His American ancestry dates back to the time of the arrival of William Penn. His literary education was obtained in Antioch coll., O., and his medical education in the med. coll. of Ohio. He graduated in March, 1863, and established himself in London, Madison co., O., but subsequently removed to Cincinnati. His specialty is gynæcology and obstetrics. He is a member of the Ohio State med. soc., elected vice-president in 1876; of the Cincinnati med., and of the Cincinnati obstet. socs., elected vice-president of the latter in Jan., 1877; a member of the Cincinnati acad. of med., and fellow of the obstet. soc. of London, England. He has written on "The Use of Forceps in Breech Deliveries," and devised a new breech forceps; on a "New Vaginal Speculum;" "Wine of Tobacco in Tetanus," "Rötheln," etc. He was res. phys. of Cincinnati hosp. in 1863, and prof. of diseases of women and children in the Cincinnati coll. of medicine and surgery. Is also associate editor of the *Cincinnati Medical News*. He married, June, 1864, Mary F., daughter of Nancy and B. B. Stearns, Esq., of Cincinnati. She died at Mentone, France, in April, 1875.

MARCY, HENRY ORLANDO, Cambridge, Mass., was born at Otis, Berkshire co., Mass., June 23d, 1837. He is the son of Smith Marcy and Fanny (Gibbs) Marcy. Receiving his early education at Wilbraham acad., he graduated A. M. at Amherst, and M. D. at Harvard coll. in June, 1863. He also studied medicine at the univ. of Berlin, Germany. Settling in Cambridge, Mass., he turned his attention especially to diseases of women. He is a member of the Mass. med. soc.; of the Middlesex district soc.; of the Cambridge med. soc.; of the Am. med. asso., etc. Among his contributions to medical literature are "Double Monstrosity;" "New Use of Carbolized Catgut Ligatures as applied to Hernia," both in *Boston Medical and Surgical Journal*, 1871; "Sanitary Lessons drawn from Cambridge Mortality Statistics," *ibid.*, 1873; "Ante Uterine Sub-Peritoneal Hæmatocele," *New York Medical Journal*,

1874; and "Fracture of Patella and Treatment by a New Method," *Boston Medical and Surgical Reporter*, 1876. During the civil war he was ass't surg. 43d reg. Mass. vols., 1863; and surg. 35th reg. U. S. colored troops, 1863 to 1865; also during 1864 brigade and division surgeon, and chief medical officer in Florida. He married, Oct., 1863, Sarah E., daughter of George W. Wendell, Esq., of Great Falls, New Hampshire.

ADAMS, JAS. FORSTER ALLEYNE, Pittsfield, Mass., was born in Boston, Mass., March 20th, 1844. His father was William J. Adams, a descendant of Henry Adams, who immigrated from England in 1632. His mother was Deborah F. Chickering, of Dedham, Mass. He was educated in the Dedham high school, and the Harvard scientific school; studying medicine in the Harvard med. school, from which he graduated in March, 1866. He was house phys. at the Boston city hosp. from April, 1866, to April, 1867, and also during the latter year interne at the Rotunda hosp., Dublin, and a student at the hosps. of Paris and Vienna. He settled in Pittsfield in Dec., 1867. He is a member of the Mass. med. soc.; of the Berkshire district med. soc.; and of the Pittsfield med. asso.; of the second named he has been secretary since April, 1871, and was treasurer between 1868 and 1871. He is author of the following papers in the Fifth and Sixth Annual Reports of the Mass. State board of health, viz.: "The Health of the Farmers of Massachusetts," and "Cremation and Burial." He is secretary of the Pittsfield board of health, medical director of the Pittsfield house of mercy, and examining surgeon for pensioners. For eighteen months of the war (1862–63) he occupied the position of medical cadet in the U. S. army; and for one year (1864–65) he was acting ass't surg. in the U. S. navy. He married, Oct., 1870, Annie, second daughter of John Bailey, Esq., of Washington, D. C.

MCNEELY, JOSEPH S., Hamilton, O., of Scotch-Irish descent, was born in Mowrentown, Highland co., O., Nov. 4th, 1829. Having received an academical education, he attended lectures at the Cleveland med. coll. during the winter session of 1852–53, and at the Ohio med. coll. during the ensuing summer session; practised for four years at North Liberty, Adams co., O., and in 1859 received his degree of M. D. from the N. Y. coll. of phys. and surg. After graduation he practised for nearly three years at Centre Hill, De Soto co., Miss., served for two years as acting ass't surg. in the U. S. navy—being attached to the Mississippi squadron—and in 1864 finally established himself at Hamilton. He is a member of the Butler co. med. soc., vice-president in 1872, president in 1875; of the Union district med. asso., president in 1869; and of the Ohio State med. soc. Since 1865 he has been examining surg. to the U. S. pension bureau. He married, Sept. 10th, 1864, a daughter of John Sutherland, Esq., of Hamilton, Ohio.

FLANDRAU, THOMAS MACOMB, Rome, N. Y., was born in the city of New York, July 8th, 1826. Having read medicine in the office of Dr. Benjamin S. Bohrer, in Georgetown, D. C., he entered the National med. coll., Washington, and was graduated thence M. D. in March, 1848. After practising in Georgetown and in Whitesboro', Oneida co., N. Y., he established himself in 1853 in Rome, making specialties of surgery and obstetrics. He is a member of the Oneida co. med. soc., president in 1870; and of the N. Y. State med. soc., a delegate thence to the International med. congress at Philadelphia in 1876. On Aug. 23d, 1862, he was commissioned surg. of the 146th N.Y. reg.; was promoted to be surg. of brigade in 1863, and to be surg.-in-chief, second division, fifth army corps, army of the Potomac, June 7th, 1864. On July 16th, 1865, he was honorably discharged from the service, having been brevetted lieut.-col. U. S. vols., for meritorious service in the field.

HYDE, JAMES NEVINS, Chicago, Ill., was born in Norwich, Conn., June 21st, 1840. He was prepared for coll. at Phillips' acad., Andover, Mass., and pursued his classical education at Yale coll. from 1857 to 1861, from which he received his degrees of A. B. and A. M. Studied medicine at the coll. of phys. and surg. of New York, and at the med. dep't of the univ. of Pa., graduating from the latter in 1869. After passing some years in the U. S. navy, in 1869 he settled in Chicago. He is prof. of dermatology and orthopœdic surgery in the Chicago med. coll., and clinical instructor in Southside dispensary. Is a member of the Ill. State med., the Chicago med., and Chicago medico-historical socs.; of the Chicago soc. of phys. and surg.; and medical press asso. He entered the U. S. navy as ass't surg. in 1863, was promoted to passed ass't surg. in 1867, having during the period of the war served chiefly in the east Gulf blockading squadron, and after the war was the med. officer of the U. S. steamship Ticonderoga, and accompanied Admiral Farragut on his cruise to Europe. He resigned from the navy in 1869. He is

associate editor of the *Chicago Medical Journal and Examiner*, collaborateur of the New York archives of dermatology, department of congenital and infantile syphilis, etc., and author of various papers published in the medical journals. He married, July, 1872, Alice Louise, daughter of Alexander Griswold, Esq., of Western Star, Ohio.

BAILEY, WILLIAM HOWARD, Albany, N. Y., was born, Dec. 28th, 1825, at Bethlehem, N. Y., his father being Dr. Solomon Bailey. After receiving an academic education he entered the Albany med. coll., from which he graduated with the degree of M. D. in Jan., 1853, and immediately commenced the practice of his profession in Utica, N. Y., removing in the following year to his present location. He is a member of the Am. med. asso.; med. soc. of the State of N. Y., of which he was made secretary in 1865, and 1 annually re-elected for the succeeding ten years; med. soc. of Albany co., and its president in 1870; Albany institute; hon. member med. soc. of the State of Texas; corres. member of the medico-legal society, New York. The honorary degree of M. D. has been conferred upon him by the med. dep't of Soule univ., Galveston, Texas.

ANDREWS, THOMAS HOLLINGSWORTH, Philadelphia, was born in that city on Feb. 10th, 1843. He received his literary education at the Central high school, and pursued his medical studies at the Jefferson med. coll. in Philadelphia, whence he graduated in 1864. He established himself in practice in Philadelphia, devoting himself to surgery. He is a member of the coll. of phys.; of the county med., State med., obstet., patholog., biolog. and historical socs. of Philadelphia; of the Franklin institute and the acad. of natural sciences of the same city. He is the author of "Wounds of Brain," a contribution to the Pa. hosp. reports for 1868. He holds the position of coroner's phys., and during the war was acting ass't surg. (1863 and 1864.) He is also demonstrator of anat. at the Jefferson med. coll. In Sept., 1875, he married Emma, daughter of Joseph E. Dixon, Esq., of Philadelphia.

STEWART, WILLIAM S., Philadelphia, Pa., was born at Stewart's Station, Pa., Nov. 13th, 1838, his father being John Stewart—a lineal descendant of the "royal house," his mother Margaret (Shaw) Stewart. His lay education was completed at Jefferson coll., Cannonsburg, Pa., and upon his graduation, in 1860, he entered Jefferson med. coll., receiving his degree in 1863. In the same year he entered the army as ass't surg., being attached to the 123d, and subsequently to the 83d reg. Pa. vols. When the unexpired term of the regiment, for which he was mustered, was ended, he took charge, for a time, of the practice of Dr. Samuel Schreiner, of New Texas, Pa., with whom he had studied previously to his admission to Jefferson. In Feb., 1865, he established himself in general practice in Philadelphia. He is a member of the Philadelphia co. med. soc., and has for more than two years been ass't secretary, and is (1877) one of the vice-presidents of that organization. He is also a member of the Philadelphia obstetrical society, and of the academy of medicine. He has published several articles, for the most part anonymously, in medical journals; and a paper that he read before the county med. soc. upon "The Differential Diagnosis and Treatment of Croup and Diphtheria." Among the public or semi-public positions that he holds may be mentioned those of surg.-major 1st reg. N. G. infantry; phys. to Charity hosp.; surg. to the veteran corps, 1st reg.; and member of the school board of the ninth district—this latter position he has held for eight years, being during a part of that time president of the body. He was married, Nov. 14th, 1872, to Delia, daughter of Thomas and Mary A. Allman, of Philadelphia.

HORWITZ, P. J., U. S. navy, was born at Baltimore, Md., March 3d, 1822. Educated at the univ. of Md. and efferson med. coll. In Nov., 1847, he was appointed, from Pa., an ass't surg. in the U. S. navy; was in charge of the naval hosp. at Tobasco during the Mexican war; served on the "Constitution" in 1849-50-51; in the Brazil squadron in 1852; on the "Princeton" in 1854; on the coast survey in 1857; on the store-ship "Supply," African station, in 1858-59; was ass't to bureau of medicine and surgery from 1859 to 1865; was chief of that bureau from 1865 to 1869; and since 1869 has been on duty at Philadelphia. He was promoted to be surg., April 19th, 1860; to be med. inspector, March 3d, 1871, and to be med. director, June 30th, 1873. His position as ass't to the bureau of medicine and surgery during the late war involved exceptionally severe labor: voluminous correspondence; the adjustment of all pensions accruing to the wounded, or to the widows or orphans of the killed in the navy; the tabulation of medical and surgical statistics and the general management of all financial matters pertaining to the office. These duties were severally discharged with such noted efficiency as to cause the unanimous

approval of Congress and of the executive branch of the government, so that when the vacancy of chief of the bureau of medicine and surgery took place, by the death of his predecessor, he was at once appointed to the office, without application on his part, and with the approbation of all.

FRASER, HENRY DESAUSSURE, Charleston, S. C., was born, April 4th, 1828, in Charleston, his ancestors being French Huguenots and Scotch. His academical education was supplemented by courses of instruction in the S. C. coll., and the med. coll. of the State of S. C. Receiving the degree of M. D. in March, 1851, he shortly after visited Europe, where he spent the major portion of the two succeeding years in attending medical lectures. Returning in the latter part of 1852, he commenced the practice of his profession in his native city, and, with the exception of the time spent in army service, has ever since remained there. He is a member of the med. soc. of S. C., and of the S. C. med. asso., and in 1873 was elected its secretary. Entering the army of South Carolina as an ass't surg. in 1861, he was in the following year commissioned surgeon in the Confederate States army, and subsequently served as surgeon in charge of the 3d army corps field-hospital, army of northern Virginia, until the close of the war. At the battle of Gettysburg he was taken prisoner of war, and held for five months. He was married in 1859 to Jane E., daughter of Jas. H. Ladson, of Charleston, S. C., and is the father of two surviving daughters.

NICHOLS, ARTHUR HOWARD, Boston, Mass., was born in Boston, Sept. 9th, 1840. He received his medical education at the med. dep't of Harvard univ., graduated M. D. in 1866, and settled in Boston. He is a member of the Am. social science asso.; of the Boston socs. for med. observation, med. improvement, and of med. sciences; the Am. statistical and the Norfolk district med. socs., secretary of the latter since 1872, and of the Roxbury soc. for med. improvement. His contributions to medical literature have been: "Charbon in Mass," "The Effects on Health of the Use of Sewing Machines," "The Adulteration of Milk," and "The Contamination of Drinking-Water by Impure Ice," published, respectively, in the reports of the Massachusetts State Board of Health for the years 1871–72–73 and 1876. He married, Nov., 1869, Elizabeth F., daughter of Thos. J. Homer, Esq., of Boston.

FRANKENBERG, OTTO, Columbus, O., was born in that city, Oct. 24th, 1846, of German parents. His medical studies were pursued at the Starling med. coll., Columbus, from which he graduated in March, 1870. During the rest of that year and 1871 he attended lectures at the Fredrick Wilhelm coll., in Berlin. He settled in Columbus on his return. In 1872 he was appointed prosecter to the chair of anatomy at Starling coll., and in 1875 to the chair of pathological anatomy; he was also demonstrator of anatomy in 1875 and 1876. He is a member of the acad. of med. of Columbus, and of the natural history soc. of the same city; also of the Central Ohio med. asso. He published a paper on "Cardiac Thrombosis" in the *Cincinnati Lancet and Observer*, April, 1876, and translated a paper on "Sarcomatous Growths," by Rudolph Janszky, in the *Ohio Medical Journal*, Dec., 1876. In Jan., 1876, he married a daughter of Theo. Lindenberg, Esq., of Columbus.

NORCOM, WILLIAM A. B., Edenton, N. C., son of Dr. James and Mary Matilda Norcom, was born at Edenton, May 13th, 1836. Receiving a sound preparatory education, his medical studies were prosecuted at the univ. of Pa., whence he received his degree of M. D. in March, 1857. Immediately after his graduation he established himself in general practice in his native town. He is a member of the Am. med. asso., and of the N. C. med. soc., of which he was vice-president in 1872, and president in 1874, and is a corres. member of the Boston gynæcol. soc. In 1863, as orator, he delivered before the N. C. med. soc. an address upon "Modern Treatment of Acute Internal Inflammation," and in 1874, as president, delivered an address upon "Hæmorrhagic Malarial Fever;" both essays were printed in the Transactions of the society.

KELLY, DANIEL J., Washington, D. C., was born in Kilkenny, Ireland, 1843. He was educated in Kilkenny coll., Ireland, and Stonyhurst coll., England; graduated at the latter in 1863; studied chemistry under Profs. Ray, of Stonyhurst, and Barff, of University coll., London, and medicine under Mr. Bradley, F. R. C. S., of Manchester, England, and graduated in the med. dep't of the univ. of Georgetown, D. C., 1874. He is a member of the med. asso. and of the med. soc. of the District of Columbia. He held the position of first assistant in the Stonyhurst observatory, and is prof. of chemistry and physiology in the acad.

dep't, and of chemistry and toxicology in the med. dep't of Georgetown univ.

DISMUKES, JOHN LYNCH, Mayfield, Graves co., Ky., son of Paul Dismukes, of Virginia, and Sabina Bowman (Lynch) Dismukes, of Charleston, S. C., was born near Nashville, Tenn., Dec. 20th, 1830. He received his literary and classical education in the univ. of N. C., Chapel Hill, and pursued his medical studies in the med. dep't of the univ. of Pa., graduating at the former in 1852, and at the latter in 1856, and settling in Mayfield, Ky. He is a member of the Am. med. asso.; of the Tri-State med. asso. of Ky., Ind. and Ill., was its 1st vice-president in 1876-77; of the State med. asso. of Ky., its 1st vice-president in 1877; of the Southwestern Ky. med. asso., its president in 1874. He has contributed many articles on medical subjects to various medical journals. During the war he held the position of surgeon in charge of various hospitals in the Confederate army. He was for two years a trustee, or councilman, in the city of Mayfield, and is one of the incorporators and directors of the Cairo & Tennessee river railroad. In Nov., 1867, he married Imogene E., daughter of Dr. James S. Taylor, of Clinton, La.; she died in May, 1875. He is now a resident physician in Hot Springs, Ark.

FOSTER, FRANK P., New York, was born at Concord, N. H., Nov. 26th, 1841. Receiving his preliminary education at the Concord high school, he attended medical lectures at Harvard univ., and at the coll. of phys. and surg., New York, graduating from the latter in 1862. After a hospital course of two years, he established himself in general practice in New York, where —save during a portion of the year 1865, when he served as acting ass't surg. in the U. S. volunteer army—he has since remained. His introduction into New York, in 1870, of animal vaccination gave him a prominent position in his profession, and to him is largely due the general adoption of this highly efficacious method. He is a member of the Am. med. asso.; fellow of the N. Y. acad. of med.; member of the N. Y. co. med. soc.; member of the Medical Journal Association, of which he is at present (1877) librarian, and member of the N. Y. dermatol. soc., of which he has been secretary, and is now president. From 1862 to 1864 he served on the surgical division of the house staff of the N. Y. hosp. He has furnished occasional contributions to medical periodicals, his more important papers being: "Herpes Contagiosus Varioliformus;" "On the Management of the Prolapsed Arm in Transverse Presentations;" "Treatment of Stumps after Amputation," and a series of articles upon vaccination. He married, Oct. 18th, 1869, Georgiana, daughter of Elias Molleson, Esq., of New York.

BARBER, EDWARD THOMAS, Oakland, Alameda co., Cal., was born, May 11th, 1839, at Barbersville, Washington co., R. I., of Scotch ancestry. He received his literary education at the univ. of the Pacific, at Santa Clara, and studied his profession at Toland med. coll., San Francisco, the University med. coll. of Cal., and Yale med. coll., Conn., graduating M. D., Oct., 1866, and settling first at Humboldt co., Cal., but subsequently, in 1875, removing to Oakland. His early life was passed in New England mills, and on farms and in California mines, and although without either means or friends able to help him, graduated from his college with honor. He is a member of the Alameda med. asso.; of the State med. soc. of Cal., and of the Am. med. asso. He is the author of a thesis upon "Asthma and its Remedies," including the use of grindellia robusta, a plant indigenous to California, written in 1866. For five years he had charge of Humboldt co. hosp., and was also health officer for the port of Eureka for two years. In May, 1868, he married Matilda L., daughter of Edward Bennison, Esq., of St. Johns, New Brunswick.

VAN DERVEER, ALBERT, Albany, N. Y., was born, July 10th, 1841, at Root, Montgomery co., N. Y. On his father's side he is of Dutch descent; on his mother's English. He was educated at the Union school, in Palatine, Montgomery co., N. Y., and attended lectures at the Albany med. coll., the National med. coll., and the coll. of phys. and surg. of New York, and graduating in Dec., 1862, from the National med. coll. (med. dep't of the Columbian coll., Washington, D. C.), receiving also in 1869 the honorary degree of M. D. from the Albany med. coll. He settled at once in Albany. In 1874 and 1875 spent six months in the hospitals of London and Paris. His specialty is surgery, in which he has performed successfully many major operations, including cleft hard-palate, operating in cases of this description by Ferguson's method. He is a member of the Albany co. med. soc., of which he was president in 1873; the N. Y. State med. soc., and the British med. asso. His medical writings comprise a paper on "Sun-Stroke," Transactions of the Albany

co. med. soc., vol. 2; "Clinical Cases and Pathological Specimens Presented;" an address before the Albany co. med. soc., in 1873; on "Stricture of the Urethra," *American Journal of Medical Sciences*, 1874; cases reported in the "Surgical History of the War of the Rebellion," and "Operation for Stone, with Report of Cases," in the "Archives of Clinical Surgery," 1876, vol. 1; also paper on "Operation for Closing Cleft of the Hard Palate," with report of cases in Transactions of N. Y. State med. soc., 1877. He was appointed med. cadet in the U. S. army in June, 1862; ass't surg. of the 66th New York vols. in December, 1862; and surg. in the same reg. in June, 1864. In 1869 he was made attending surg. of the Albany hosp., and in 1874 of St. Peter's hosp. He was elected in 1869 prof. of general and special anat. in the Albany med. coll., and in 1876 prof. of the prin. and prac. of surgery in that institution. He was married, June 5th, 1867, to Margaret E. Snow, daughter of Dr. Simeon Snow, of Root, N. Y., and has had three children, of whom two, both sons, are now living.

PACE, JESSE MERCER, Camden, Ark., was born at Jefferson, Marengo co., Ala., April 19th, 1836, of English and Welsh parents. He received his medical education in the med. dep't of the univ. of New Orleans, La., from which he graduated in March, 1858, settling immediately afterward in Camden. He has performed various operations: among them, for lithotomy; vesico-vaginal fistula; extirpation of parotid gland; lacerated perineum; hernia, etc. He is president of the Ouachita co. med. asso. and member of the State med. asso., and delegate to the International med. congress held in Philadelphia in 1876. He has contributed articles on medical subjects to various medical journals; held the position of ass't surg. in the provisional army of the Confederate States, and was mayor of Camden in 1864. In Jan., 1860, he married Anna J., daughter of E. N. Woodland, Esq., of Camden, Arkansas.

MCPHAIL, BENJAMIN GRIGSBY, Fort Fred. Steele, Wyoming Territory, was born, Nov. 18th, 1844, at Pleasant Grove, Albemarle co., Va. He is the son of the Rev. B. G. McPhail, and grandson of the Hon. John B. McPhail, of Norfolk, Va.; was educated at the Norfolk military acad., and graduated from the med. coll. of Va., at Richmond, in March, 1870. He settled at first in Richmond; but in Oct., 1873, entered the army on account of ill health, having suffered from tuberculosis for a number of years. His physical condition debarring him from a commission, he was appointed acting ass't surg. He has made a specialty in some degree of diseases of the heart and lungs. He is a fellow of the Richmond acad. of med., of which he was secretary from Jan. 1st, 1872, to 1873; and of the Va. State med. soc.; and an hon. fellow of the Salt Lake med. soc. He has contributed miscellaneous articles to the *Virginia Medical Monthly* and to the *Clinical Record*. In 1873 he was adjunct prof. of mat. med. in the med. coll. of Va.; and ass't coroner of the city of Richmond in 1872 and 1873. He was surg. to the Chesapeake & Ohio railroad in 1871, and from 1870 to 1871 med. examiner for the North American life insurance company. At present post surg. at Fort Fred. Steele, Wyoming Territory. Future home Salt Lake City, Utah.

WEST, HAMILTON ATCHISON, Galveston, Texas, was born at Russell's Cave, Fayette co., near Lexington, Ky., March 30th, 1849. He received his medical education at the med. dep't of the univ. of Louisville, where he graduated, March, 1872, and established himself in practice in Galveston, Nov., 1873. He is a member of the Galveston co. med. soc., and a member of its board of censors. He was house-surg. of Louisville city hosp. in 1872; occupied the chair of mat. med. and therap. in the Texas med. coll., to which he was elected, April, 1875; and is now house-surgeon of the Galveston city hospital.

LEFFERTS, GEORGE MOREWOOD, New York, was born in New York, Feb. 24th, 1846. He was educated at the coll. of the city of New York, received the hon. degree of A. M. from Dickinson coll. in 1869, and M. D. from the coll. of phys. and surg. of New York, in March, 1870. He settled in New York, making diseases of the throat and chest a specialty. In July, 1874, he performed the operation of sub-hyoidean laryngotomy—the only time it has been performed in this country, and the sixth time it has ever been. He is clin. prof. of laryngoscopy and diseases of the throat to the coll. of phys. and surg. of New York; laryngoscopic surg. to St. Luke's hosp., surg. to the New York eye and ear infirmary, and the Demilt dispensary (throat dep'ts); and late (1872–73) chief of clinic to Prof. Karl Störk, in the Imperial univ. of Vienna. He is a member of the New York acad. of med.; of the Medical Journal asso., of which he was corres. secretary in 1875, trustee in 1876; and president of the laryngological soc. in

1876. He has contributed largely to medical journals, among his contributions being one "On a New Instrument for the Insufflation of Powders in the Larynx," *New York Medical Record*, Nov., 1873; "Treatment of two cases of Fibroid Growths by Excision and Evulsion upon the Vocal Cords," *ibid.*, Feb., 1874; "Removal of a Brass Ring, which had lodged in the Larynx, by Sub-Hyoidean Laryngotomy," *ibid.*, Dec., 1874; "Intra-Laryngeal Growth, treated by Excision," *ibid.*, June, 1875; "Prolapse of both Ventricles of Larynx, their Removal by Thyrotomy," *ibid.*, June, 1876; "Modern Methods of Examining Air Passages," Seguin's American Clinical Lectures. He has also translated "Fränkel on the General Diagnosis of Diseases of the Nose, Pharynx, and Larynx;" "Ziemssen's Cyclopædia of Practice of Medicine." Besides the above he conducts the quarterly reports of laryngoscopy in the *New York Medical Journal;* the semi-annual reports on syphilis of the mouth, throat, and larynx, in the *Archives of Dermatology*.

GRAY, SAMUEL S., Piqua, Miami co., O., was born in Montgomery co., near Dayton, O., Feb. 25th, 1828. He was educated at Augusta coll., Augusta, Ky., and pursued his medical studies in Starling med. coll., Columbus, O., whence he graduated in 1854. He first settled in Lockington, Shelby co., O., where he remained four years, and then removed to Piqua. He is a member of the Ohio State med. soc., has been its treasurer and librarian since 1872; and of the Miami co. med. soc., in which he has held nearly all the offices. He is the author of an article on "Quinine in Pneumonia and Croup," published in the Transactions of the Ohio State med. soc. for 1873 and 1874. In April, 1856, he married Rachel A., daughter of Thomas R. Bourne, Esq., of Miami co., Ohio.

PRIESTLEY, JOSEPH, Northumberland, Pa., was born in Point township, Northumberland co., Sept. 22d, 1819. Having received a suitable preparatory education, he entered the med. dep't of the univ. of Pa.; was graduated thence M. D. in March, 1844, and in the same year established himself in Northumberland.

BOYD, JAMES P., Albany, N. Y., was born in Albany, Feb. 24th, 1804, of American parents, of Scotch extraction. Receiving his academical education at the Albany acad., and at the univ. of the State of New York, he attended the coll. of phys. and surg. of New York city in 1823, and subsequently the med. dep't of the univ. of Pa., from which he graduated in 1825. He practised in New York during 1825 and 1826, after which he removed to Albany, where he has ever since resided. His specialty is obstetrics. He is a member of the Albany co. med. soc., and of the N. Y. State med. soc. For the last twenty years he has been curator in the Albany college, and for the last fifteen years visiting physician to the Albany city hosp. He was married in 1833 to Mary Ann, daughter of Hamilton Boyd, of Albany.

HOW, LYMAN BARTLETT, Manchester, N. H., was born at New Bedford, Mass., Feb. 25th, 1838. He graduated at Dartmouth coll. in 1860, and from its med. dep't in 1863, having meanwhile studied two years at the coll. of phys. and surg., New York. He settled first in New York city, but removed to Manchester, N. H., his present residence. In 1869 he was elected prof. of anat. and physiol. in the med. dep't of Dartmouth coll., an office which he now holds.

INGE, RICHARD, Greensboro', Ala., was born, Jan. 18th, 1851, in Greene co., Ala. After receiving an academic education he entered the Southern univ., Greensboro', Ala., and subsequently the univ. of Va., and the univ. of N. Y., receiving the degree of M.D. from the former institution in July, 1871, and from the latter in Feb., 1872. Locating in Greensboro' he has remained there ever since in the practice of his profession, and filling the chair of anat. in the Southern univ. He is secretary of the Hale co. med. soc., and first vice-president of the Ala. State med. asso. since April 13th, 1876.

ASHURST, SAMUEL, Philadelphia, was born in Philadelphia, Sept. 14th, 1840, of American parentage. He graduated from the univ. of Pa., M. D. in 1861, and commenced practice in Philadelphia. He is a member of the pathol. and co. med. socs., and of the coll. of phys. of Philadelphia. He is a member of the board of health of Philadelphia.

RIDENOUR, ALBERT W., Massillon, O., was born in Washington co., Md., Sept. 2d, 1843; he entered the Ohio med. coll., Cincinnati, and in 1868 received from that institution his degree of M. D. In the year of his graduation he entered upon practice at Wadsworth, O., whence, in 1870, he removed to Massillon, and has since been actively engaged in a general practice in that town. He is a member of Stark co., northeastern Ohio district and Ohio med. socs., and has been delegate to the conventions of

the Am. med. asso. In 1861 he enlisted in the 12th and in 1862 in the 102d reg., and served in the U. S. volunteer army until the end of the war. He married, in 1869, a daughter of Abram Miller, Esq., of Canal Fulton, O.

HYDE, FREDERICK, Cortland, N. Y., son of Col. Ebby Hyde, and a grandson of Gen. Caleb Hyde, of revolutionary fame, was born at Whitney's Point, N. Y., Jan. 27th, 1809. Having received an English education, he read medicine under, successively, Drs. Hiram Moe and Horace Brownson; was subsequently for three terms a student in the coll. of phys. and surg. of the western district, Fairfield, N. Y., and in 1836 received from that institution his degree of M. D. Since 1836 he has been established as a general practitioner at Cortland. Of his notable cases may be mentioned: dislocation of the head of the femur, two cases—one of twenty days standing; dislocation of the humerus, of thirty-four days standing; femoral hernia; trephining skull; lithotomy, two cases, both successful, etc. In 1854 he was appointed prof. of midwifery and diseases of women and children in Geneva med. coll.; was transferred in 1855 to the chair of surgery in the same coll., and retained the latter position until 1872. In 1872 he was appointed prof. of surgery in Syracuse univ.; was subsequently elected dean of the medical faculty of that institution, and at present (1877) holds both positions. For a few years previous to his becoming a member of the faculty of the Geneva med. coll., he conducted a private anatomical school in Cortland. He has twice been president of the Cortland co. med. soc.; is a member of the southern central med. asso. of N. Y., has been its president; of the N. Y. central med. asso.; of the N. Y. State med. soc., president in 1865, and delegate in 1868 to the annual convention of the N. J. State med. soc.; and of the Am. med. asso. In 1876 he was delegate from the N. Y. State med. soc. to the International congress. Of his professional publications the more important are a series of reports upon the "Surgery of Cortland County," Transactions Cortland co. med. soc. from 1851 to the present time; "Fractures of the Cranium," Transactions N. Y. State med. soc., 1863; "Hernia and its Complications," *ibid.*, 1867; "Malignant Tumors of the Abdomen," *ibid.*, 1870; "The Taxis in Strangulated Hernia," *ibid.*, 1875; "Traumatic Arterial Hemorrhage," *Buffalo Medical Journal*, vol. ii., No. 8; "Psoas, or Lumbar Abscesses," *ibid.*, vol. iv., No. 8; and various addresses, biographical sketches, etc. For eighteen years he was president of the board of trustees of the Cortlandville academy; has since 1876 been president of the board of trustees of the State normal school at Cortland, and since 1876 has been president of the Cortland savings bank. He married, 1838, a daughter of Dr. Miles Goodyear, of Cortland, N. Y.

JEWETT, THEODORE H., Berwick, Me., was born in South Berwick, March 24th, 1815. He is a son of Capt. Theo. F. Jewett. Educated at Bowdoin coll., Me., he attended medical lectures at Dartmouth coll., and at Harvard coll., Mass., and finally graduated M. D. at Jefferson med. coll., Philadelphia, in 1840, settling in South Berwick, in general practice. He is a member of the Maine med. soc.; hon. member of the N. H. med. soc.; and of the Am. med. asso.; and has held the position of prof. of obstet. and diseases of women and children in the med. school of Maine. During the rebellion he was surg. of the board of enrolment in the provost marshal's office at Portland, first district of Maine. He is a member of the Maine hist. soc. In March, 1842, he married Caroline F., daughter of Dr. Wm. Perry, of Exeter.

JONES, JAMES DUANE, Schenectady, N. Y., was born in Schenectady, Jan. 20th, 1828. His paternal and maternal ancestors were among the earliest settlers of Long Island and New York city. Their descendants served in the State and national councils during the revolution, and have been prominent in the judiciary and in the legal profession in New York city. He was educated at Union coll., Schenectady, from which he graduated in 1846, and pursued his medical studies at the Albany med. coll., graduating M. D. in 1849. He first resided at Seamen's Retreat hosp., Staten Island, and afterwards settled in Schenectady, in the general practice of medicine and surgery. He is a member of the med. soc. of Schenectady co., was its president in 1873. He has held the office of city phys., and phys. to the county almshouse, and served as surg. to the 25th N. Y. cavalry during Gen. Sheridan's campaign in Virginia. In 1872 he married Anna M., daughter of John N. Bigelow, of Schenectady.

JONES, WILLIAM C., Grass Valley, Cal., was born in Athens, McMinn co., Tenn., Aug. 25th, 1833, of Welsh and Scotch ancestry. He was educated at Hiawassee coll., Monroe co., Tenn., and attended lectures in the med. dep't of the univ. of the Pacific, and at the Bellevue hosp., New York, graduating from the latter in March, 1870, and settling first in the same year at Forest Hill, Placer

co., and afterwards in Grass Valley, Cal., in 1874. He is a member of the State med. soc. of Cal., and was on the committee on obstetrics of the same for 1876. He is examining phys. for the Ætna, Pacific Mutual, and other life insurance companies. In 1867 he married Annie M., daughter of Mary and James Power, Esq., deceased, of Dutch Flat, Placer co., Cal.

JANES, HENRY, Waterbury, Vt., was born in Waterbury, Jan. 24th, 1832. His father, Henry F. Janes, was formerly Vermont State treasurer and member of Congress, and his mother, Fanny (Butler) Janes, daughter of Ezra Butler, former governor of Vermont and also a member of Congress. He received his medical education at the coll. of phys. and surg. in New York, and graduated in 1855. Previous to final settlement in Waterbury, he was ass't and house phys. in Bellevue hosp., N. Y., and practised for a few months in Chelsea, Mass. His specialty is nervous diseases and surgery, and in the practice of the latter branch of his profession he has performed a large number of capital operations. He is a member of the Washington co. med., the Vt. State med., and the Mass. med. socs. Of the two first named he has been president; also, a member of the Am. med. asso. On various occasions he has read articles on "Gunshot Wounds," "Accident after Amputations," "Amputations at Knee-Joint," etc., etc., before the societies of which he is a member. In 1861 became surg. of 3d Vt. vols.; in 1863 was appointed surg. U. S. vols., was in charge of hosps. at Burkettsville and Frederick, Md., in 1862. He also served in the capacity of surg. in charge in the 6th army corps hosp.; in charge of the hosps. of the army of the Potomac, at Gettysburg, and afterwards in charge of the hosps. in Philadelphia, Vermont, etc., etc., to the close of the war, when he resigned from the army and resumed private practice.

ARNOLD, ABRAHAM B., Baltimore, Md., son of Isaac and Hannah (Blumenthal) Arnold, was born at Jebenhausen, Würtemberg, Feb. 4th, 1820. Having graduated from the coll. at Mercersburg, Pa., he began the study of medicine under Dr. R. Lehwers, of New York; attended his first course of lectures in the med. dep't of the univ. of Pa., his second course in the med. dep't of Washington univ., Baltimore, and from the last-named institution received his degree of M. D. in 1848. After practising for six months in Carlisle, Pa., he established himself permanently in Baltimore. During the past few years he has made a specialty of diseases of the nervous system. Since 1872 he has been prof. of the prin. and prac. of med. Washington univ. He was phys., and then consulting phys. to the Jewish hosp. Is a member of the med. and chirurg. faculty of Md., president in 1877; of the acad. of med. of Baltimore. Since 1877 occupied the chair of clin. med. in the coll. of phys. and surg. of Baltimore. Of his professional publications may be mentioned: "Sclerodermia," in *American Journal of the Medical Sciences;* "Cholera Infantum" and "Circumcision," in *New York Medical Journal;* "Vaccination," *Baltimore Medical Journal.* He married, July 25th, 1847, Ellen Dennis, daughter of Adam Dennis, Esq., of Easton, Pa.

HOPKINS, THOMAS B., Vermilionville, La., was born in Jackson, Miss., Nov. 9th, 1832, of Scotch origin. He studied medicine at the Jefferson med. coll., Philadelphia, graduating in the spring of 1854; settled in Bowie co., Texas; removed to Claiborne parish, La., in 1855, and to Vermilionville in 1866. He has contributed articles on a variety of subjects to the *New Orleans Medical and Surgical Journal.* During the civil war he was ass't surg. to the 18th Ark. reg., Confederate States army. He has been twice married. In 1859 he married Mary Kennedy, of Claiborne; she died in 1867. In 1868 he married Sue, daughter of Dr. Kennedy, of Vermilionville, Lafayette parish, La., sister to his first wife.

BULLOCH, WILLIAM GASTON, Savannah, Ga., great-grandson of Archibald Bulloch, first governor of Ga., was born in Savannah, Aug. 3d, 1815. He graduated at Yale, and completed his medical education at the univ. of Pa., graduating from this institution in 1838. He then visited Europe, and attended lectures at the hospitals of Paris for a period of eighteen months. On his return he settled in Savannah. He is a member of the Ga. med. asso., and of the Ga. med. soc.; of the latter he has been vice-president and president. He has contributed articles to the *American Journal of the Medical Sciences,* and to the *Savannah Journal of Medicine.* Was surgeon in the Confederate army during the war, and was for two years alderman of the city of Savannah. He has been married.

ASHHURST, JOHN, JR., Philadelphia, son of John Ashhurst of the same place, of English descent, was born in Philadelphia, Aug. 23d, 1839. He was educated in the univ. of Pa. and pursued his medical studies in the med. dep't of that institution, graduating A.B. in 1857, and A.M. and M. D.

in 1860. He is a member of the acad. of nat. sciences of Philadelphia, elected in 1860; of the patholog. soc., elected in 1861, its president in 1870 and 1871; of the coll. of phys., elected in 1863; etc. His contributions to medical literature consist, among other works, of "Injuries to the Spine," 1867; "Principles and Practice of Surgery," 1871, etc. From 1862 to 1865 he was acting ass't surg. of the U. S. army; surg. to the Episcopal hosp., elected in 1863; surg. to the children's hosp., elected in 1870; prof. of clinical surg. in the univ. of Pa., elected in 1877.

BARTLETT, LEVI, Skaneateles, N. Y., was born, Oct. 4th, 1806, in Warren, Grafton co., N. H. His father, Dr. Ezra Bartlett, of Haverhill, N. H., was the youngest son of Dr. Josiah Bartlett, one of the signers of the Declaration of Independence. He was educated at Haverhill acad. and Dartmouth coll., graduating from the academical dep't of the latter in 1827, and from the med. dep't in 1837, four of his brothers having at different times done likewise. He first settled in Syracuse, N. Y, but removed to Skaneateles, his present residence. He is a member of the Onondaga co. med. soc. He has occasionally contributed reports of anomalous cases to medical journals. He has been twice married, and has three children, of whom two are sons—one a druggist, the other a lawyer in New York city.

JAMESON, PATRICK HENRY, Indianapolis, Ind., of Scotch-Irish descent, was born in Jefferson co., Ind., April 18th, 1824. Having received an English education, he entered the Jefferson med. coll., was graduated thence M. D., March, 1849, and in the same year established himself in Indianapolis, where he has since practised medicine. He is a member of the Ind. med. soc., and of the Indianapolis acad. of med., of which he was president in 1875 and 1876; and has been connected with several other similar local organizations. Of his published writings may be mentioned: "Commissioners' Annual Reports for the Indiana Hospital for the Insane," from 1861 to 1867, inclusive; and "Reports for the Indiana Institution for the Deaf and Dumb, and for the Blind," published by the State; report to the Indiana State med. soc. on "Veratrum Viride in Typhoid and Puerperal Fevers," published in Proceedings, 1857; address on "Scientific Medicine in its Relations with Quackery," published in the *Indiana Medical Journal*, 1871, etc. From 1861 to 1869 was commissioner of the Ind. hosp. for the insane. From 1861 to 1866 was State surg. in charge of State and U. S. troops in quarters at the several camps, and in hospital at soldiers' home, Indianapolis. From Jan. 1st, 1863, to March, 1866, was acting ass't surg. U. S. army, in the same service; from 1861 to 1869 phys. to the Ind. institute for deaf and dumb; since 1869 president of the boards of the several benevolent institutions of the State, re-elected by the legislature of 1877 for a third term of four years; from 1863 to 1869 member of the common council of Indianapolis; since 1867 a director of the Bank of Commerce; also a director of the State savings bank, and president of the board of directors of Butler univ., at Irvington, Ind. Associated, by act of the legislature, with the governor of Indiana and certain other State officers, he is also, ex-officio, a member, and by appointment the treasurer of a provisional board for building, near Indianapolis, a hospital for insane women, having a capacity for 700 patients. He was married, June 20th, 1850, to Maria, daughter of Ovid Butler, Esq., of Indianapolis.

BAILEY, JAMES SPENCER, Albany, N. Y., born at Bethlehem, Albany co., N. Y., Feb. 25th, 1830, is the son of Dr. Solomon Bailey, for many years a practising physician in Albany and Albany co.; received his academical education at the schools of Albany and the Cazenovia seminary; and graduated from the Albany med. coll. in Jan., 1853, settling immediately afterwards in Cusseta, Ala., whence he removed to Mobile, and thence to Hemstead, Texas, where the civil war found him, after the close of which he returned to Albany, his present residence. He is a member of the Albany co. med. soc., of which he was president in 1875; the med. soc. of the State of New York; the medico-legal soc. of New York city; the Albany institute; the Austin co., Texas, med. soc.; and the Canadian entomological soc.; and an honorary member of the Texas State med. asso. In 1869 he received from the med. dep't of Soulé univ., Texas, the honorary degree of M. D.; and in 1874, from Hamilton coll., the honorary degree of A. M. During the last ten years he has published papers on the following subjects: "The Nature and Treatment of Yellow Fever;" "Trismus Nascentium;" "Cold Water Internally in the Treatment of Fevers;" "Longevity in Man, as Proven by Physical Indications;" "Heredity:" "Building Grounds in their Sanitary Relations;" "Senile Hypertrophy of the Prostate Gland;" "Three Cases of Hypospadias;" "Meningocele;" "Lipomata;" "Cases Illustrating some of the Causes of Death Occurring Soon After Childbirth;" "The Treatment of Snake-Bite, and the

Sting of the Tarantula and Centipede;" "Stricture of the Œsophagus;" and various contributions besides to the journals and periodicals of the day. He has also edited the Transactions of the med. soc. of the county of Albany, from 1857 to 1870. He was married, in 1853, to Fannie J. Keith, of Augusta, Georgia.

CHEEVER, DAVID WILLIAMS, Boston, Mass., was born in Portsmouth, N. H., Nov. 30th, 1831. One of his paternal ancestors was Ezekiel Cheever, first master of the Boston Latin school, and teacher of Cotton Mather. He was educated at Harvard coll., and graduated from the med. dep't of that institution in March, 1858. Settling in Boston, he selected surgery as his specialty in practice. He is a member of the Mass. med. soc., and of the Boston soc. for medical improvement. He has published reports of various surgical cases, and a "Monograph on Œsophagotomy," and the "Medical and Surgical Report of Boston City Hospital." He holds the positions of prof. of clinical surgery at Harvard univ., and surgeon of the Boston city hosp. He married, Oct., 1859, Anne C., daughter of T. Nichols, Esq., of Boston.

CARROLL, ALFRED LUDLOW, New Brighton, N. Y., was born in the city of New York, Aug. 4th, 1833. He is the son of Anthony Carroll, a lawyer, who married Frances Ludlow, daughter of Gulian Ludlow, Esq. He graduated from the med. dep't of the univ. of the city of New York in 1855, having enjoyed, in addition to the regular advantages of the institution, the private instruction of the late Valentine Mott. He resided in New York city until 1871, when he removed to New Brighton, Staten Island. He is a member of the med. soc. of the county of New York; of the Richmond co. med. soc., of which he was president in 1876–77; of the New York Medical Journal asso.; of the New York soc. of neurology, of which he was corresponding secretary in 1875; a corresponding member of the gynæcol. soc. of Boston; an associate member of the Am. social science asso., dep't of health; vice-president of the alumni asso. of the med. dep't of the New York univ.; and was a member of the former medico-chirurg. coll.; as also of the national institute of letters, arts and sciences of the executive committee, of which he was secretary in 1868. Among his contributions to medical literature are: "Hygiene in its Relations to Therapeutics;" "The Question of Quarantine;" "Management of the Gouty Temperament;" and numerous articles in medical periodicals, as well as various addresses, papers, lectures, etc. From 1868 to 1871 he was editor of the *New York Medical Gazette*. He was health officer of the town of Castleton, Staten Island, in 1873, and since 1874 has been consult. phys. to the S. R. Smith Infirmary, Staten Island. For some years he was medical referee of the Liverpool and London and Globe insurance company. He was associated with Dalton, Flint, Hammond, W. C. Bryant, G. Verplanck, J. L. Motley, Theo. Woolsey, Joseph Henry, Spencer F. Baird, C. S. Henry, and many other representative men in the organization of the National institute of letters, arts and sciences, whereby it was sought to establish an institute with academies embracing all departments of science and art—a noble attempt, worthy to be commemorated, but now wrecked, like many another, on the strands of impecuniosity. He was married in 1862 to the daughter of Brodish Johnson.

TAYLOR, BENJAMIN WALTER, of Columbia, S. C., was born in Columbia on the 28th of Feb., 1834. His parents were Benjamin Franklin Taylor and Sally W. (Coles) Taylor; and his grandparents on his father's side Colonel Thomas Taylor, of the revolution, and Ann (Wyche) Taylor. The grandparents were natives of Caroline co., Va., but were the first settlers on the Congaree, where Columbia now stands. He is a graduate of the South Carolina coll., at Columbia, of the class of 1855, and of the South Carolina med. coll., at Charleston, of the class of 1858. After graduation he settled in Columbia, where he has remained except during the war. On the breaking out of the civil war he was made ass't surg. and assigned to Fort Moultrie, where he served until Fort Sumter surrendered. On the organization of the Hampton legion he was selected as their ass't surg. He was afterwards made surgeon, and assigned to the 2d S. C. cavalry, Hampton's brigade. The last year of the war was promoted from chief surgeon of division to medical director of cavalry corps, army of northern Virginia. He is a member of the S. C. med. asso., its vice-president in 1875, of the county med. soc., president in 1876, and was delegate to the medical congress held in Philadelphia in 1876. He has contributed various articles to the Transactions of the State med. asso. of S. C. He is medical examiner of the New York life, Cotton States, and Granger life and health insurance companies in the State of South Carolina. He married, in 1865, Anna, daughter of Nathaniel Heyward and Eliza (Rhett) Heyward.

PALMER, JAMES CROXALL, late surg.-general U. S. navy, Washington, D. C., descendant of an English family, Crochelle, A. D. 1056, and Croxall in 1640. all of Warwickshire. Richard Croxall I. of Birmingham, having married Joanna Carroll, cousin to Charles Carroll, Esq., who was chancellor to Lord Baltimore (the lord proprietor himself having married Alice Croxall), immigrated in the 17th century and established himself near the site of Baltimore town. Edward Palmer, also descended from a good English family, married Catharine Croxall in Baltimore, and there our subject was born, June 29th, 1811. Graduating A. B. from Dickinson coll., in 1829, he entered upon the study of law, in the office of Upton S. Heath, Esq., of Baltimore; but relinquished this profession in order to enter the navy. Being too old to enter as midshipman, he studied medicine, and on March 26th, 1834, was commissioned ass't surg., having just graduated M. D. from the univ. of Md. On the 29th following, he was ordered to the frigate "Brandywine," and sailed in her for the Pacific station, where (Jan. 9th, 1835) he voluntarily exchanged to the sloop "Vincennes," bound on a cruise through nearly all the South Sea islands, to China, etc., etc., and so around the world, home. After a short period of shore-service, he applied for orders to sea. On July 17th, 1838, he was ordered to the store-ship "Relief," of the exploring expedition under Lieut. Charles Wilkes. After very interesting service in that vessel, which made a perilous escape from shipwreck at Noir island, in attempting the Brecknock passage into Magellan's straits, he was transferred to the sloop "Peacock." The adventurous cruise of that vessel is recorded in the general history of the exploring expedition; but Dr. P. has embodied one episode in a poem, the last edition of which is called the "Antarctic Mariner's Song," and describes the adventures of the "Flying-Fish" and the "Peacock," on a cruise as far south as the ice-barrier would permit. In a search for land, and penetrating too far into an ice-channel, the "Peacock" encountered an island of ice thirty two miles in area, and higher than her mast-heads. Her wreck was nearly complete; but, by the magnificent seamanship of her commander, Lieut. Hudson, she was taken safe to Sydney, New South Wales. After the wreck of the "Peacock" at the mouth of the Columbia river, July 19th, 1841, he (Palmer) was, of necessity, established in command of a large shore-party at Astoria, and required to keep meteorological and tide-tables, and to perform duty with the scientific corps. On the 30th Sept, 1841, camp was broken at Astoria and he was ordered to a purchased brig, called the "Oregon," in which he took passage to the bay of San Francisco, where, Oct. 25th, 1841, he was finally transferred to the flag-ship "Vincennes," in which he finished the exploring expedition, being detached in New York, June 17th, 1842. After this long and perilous service, generally beyond the pale of civilization, and entirely out of the atmosphere of the profession, he had almost to begin anew; but the difficulties of examination were finally overcome, and he was commissioned as surgeon, Oct. 27th, 1841. In that grade he served at the Washington navy yard, where he had charge of the numerous wounded by the frightful explosion on board the "Princeton," and gained some painful professional experience without losing any of his patients. Oct. 31st, 1844, he was ordered to the sloop "St. Mary's," in the squadron commanded by Commodore Stockton, and went to the coast of Mexico, where he was present at the annexation of Texas, and continued throughout the consequent war; at the bombardment of Vera Cruz, the surrender of San Juan de Ulloa, the taking of Tampico, and other operations on the coast. After another long period (three years and five months) aboard the "Vanalia," in the Pacific, and some short services ashore, he was ordered, April 11th, 1857, to the steam frigate "Niagara," on the first effort to lay the Atlantic cable. The sections aboard the "Niagara" and "Agamemnon" had their strands of armor-wires laid in different ways, one to the *right* and the other to the *left*. This, of course, rendered ordinary splicing impossible; for each must, of necessity, pull the other apart. The fate of the cable, when spliced in mid-ocean, depended upon overcoming this difficulty. Everybody was called upon for a plan; and the surgeon's was preferred by the commanding officer, Capt. Hudson, although interested in his own. The unfortunate break, one hundred and three miles from the Irish coast, prevented an experiment. After a short cruise in the Mediterranean, he returned as fleet-surgeon, and was attached to the naval academy at Annapolis. The civil war broke out; and the academy was transferred to Newport, R. I. He went, in sole medical charge of it, and under great difficulties, accomplished hospital organization ashore and aboard the school-ships. But the war was going on; and he represented to the bureau of medicine and surgery that he ought to be elsewhere. Accordingly, Aug. 11th, 1863, he was ordered to report as fleet-surgeon to the Western gulf blockading squadron, commanded by Admiral Farragut, and was attached to the flag-ship "Hartford" at the battle of Mobile, Aug. 5th, 1864, in

which, out of six members of the medical staff, two were killed outright. After passing the forts and fleet and anchoring in the bay, he took the admiral's steam-barge (the "Loyall"), and went around the fleet, to aid the surgeons who had no assistants; and, upon returning to the "Hartford," he was hailed by Admiral Farragut and directed to go aboard the enemy's ram, the "Tennessee," just captured, and attend to Admiral Buchanan, who had had his leg broken in the action. It had been decided to amputate that leg; but he suspended the operation and reported the result of his visit to Admiral Farragut. Then followed numerous surgical performances by the medical officers of the ship, and some who had been signalled to come aboard. Among the cases that fell to his own share was an excision of the right clavicle, which was accomplished without accident, and successful in its issue, though the patient died about three weeks afterwards of acute pneumonia. On the morning after the battle the federal and confederate wounded—the latter being assigned to his exclusive charge—were taken to Pensacola and lodged in temporary hospital-barracks. Of Admiral Buchanan personally, being his blood relation, he took exclusive charge, and in due time had the satisfaction of sending him north, with his leg restored and no limp in his gait. He took advantage of these hospital associations to accomplish between the Confederate Secretary Mallory and Admiral Farragut, whose consent had been previously obtained, a final agreement exempting all medical officers and attendants from detention as prisoners of war. Soon after the "Hartford" returned north, with Admiral Farragut's now renowned flag; but the fleet-surgeon remained at Pensacola, to account for the men and material of so large a fleet. But unfortunately he stayed too long for his good, and was finally taken home in a dying condition, from accumulated malarious poisoning. He did, however, wind up the affairs of his department and was detached, with gratifying acknowledgments, from the bureau of medicine and surgery, Sept. 21st, 1865. He was afterwards in charge of the naval hospital at Brooklyn, N. Y., for about four years; but he continued in such precarious health for many months, that his death was reported imminent; though he finally, but slowly, recovered. On the 3d of March, 1871, he was commissioned as a medical director; and on the 10th of June, 1872, as surgeon-general. From that office he was retired on the 29th June, 1873, and was put on the retired list according to law. During his period of active service he passed in actual sea-cruises seventeen years; on shore-stations seventeen years and four months; and was unemployed four years and eleven months. After his retirement, he was for four years a visitor to the Government hospital for the insane, near Washington. His professional contributions have always been through the bureau of medicine and surgery. He now has a volume of 240 pages, on a philological subject, and a tract on the same, nearly ready for press. He married, May 22d, 1837, Juliet Gittings, daughter of James Gittings, Esq., of Long Green, Baltimore co., Md.

SCHENCK, JOHN V., Camden, N. J., son of Dr. T. S. Schenck, was born at Franklin Park, Somerset co., N. J., Nov. 17th, 1824. He was educated at New Brunswick, N. J., and at Rutgers coll., in the same place, and studied medicine at the univ. of Pa., graduating M. D. from that institution in 1847, and settling in Camden. He is a member of the district med. soc. of Camden co., has been twice its president; of the med. soc. of N. J., was its president in 1876; and of the Camden city med. soc., has also been twice its president; is also a member of the Am. med. asso. In July, 1857, he married Martha, daughter of Henry McKeen, Esq., of Philadelphia, Pa.

DANCY, FRANCIS WILLIAM, Holly Springs, Miss., son of Col. David Dancy, was born near the Roanoke river, in Warren co., N. C. Having prepared for college at the classical schools in Huntsville, Ala., and the vicinity, he entered the univ. of Nashville, Tenn., from which he graduated in 1831, beginning soon after the study of medicine under Dr. I. W. Bibb, a prominent physician of Athens, Ala., and continuing it in the med. dep't of the univ. of Pa., at which he was matriculated in 1832, becoming a private pupil of Prof. Wm. E. Horner. The opening of his second course at the university found his health so impaired that, taking the advice of Dr. Samuel Jackson and Dr. Physick, he returned home to Alabama, gave up his books, and took to riding and hunting, the result being, that in a year he was able to renew his studies, which he did at the Transylvania univ. in Lexington, Ky., from which he graduated in 1835. He first settled in Greensboro', Ala., near the Black Warrior river, where he remained eight years, removing in 1844 to Holly Springs, Miss., his present residence. He is a member of the Marshall co. med. soc, of which he is president; and of the State med. soc.; sanitary commissioner for the State at large; on the health board of the State of Mississippi, organized on 7th April, 1877; and a permanent member of the Am.

med. asso. He was married in his twenty-fourth year to Rebecca Elizabeth Mason, of Jackson, Tenn., who died in 1866; and in December, 1876, to Kate McCorkle Nelms, of Holly Springs, Miss.

REGESTER, WILSON GRAY, Baltimore, Md., was born in Bath co., Va., Feb. 16th, 1845, his father being the Rev. Samuel Regester, D.D., of the Methodist church south, a descendant of the first Quaker settlers of the eastern shore of Maryland. Having attended Roanoke coll., Salem, Va., he entered Washington univ., Baltimore, and in Feb., 1869, received his degree. He established himself in Montgomery co., Md., but in a few months removed to Baltimore, where he has since remained. During the war he served as a private soldier in the Confederate army, being attached to a battery of artillery manned mainly by students of Roanoke coll., who volunteered in a body. He was wounded once, though not seriously. He is a member of the med. and chirurg. faculty of Md., having been ass't secretary in 1870-71, and secretary since 1872; and also of the Baltimore med. asso., of which he was secretary in 1874, and treasurer in 1875. He was vaccine phys. for the 17th and 18th wards of Baltimore, in 1874-75, and was appointed State vaccine agent by the governor, May 1st, 1876, for the term of six years. He also holds the position of house phys. to the Hebrew orphan asylum of Baltimore. He was married, Dec. 13th, 1871, to Ella R., daughter of Amos Gillingham, Esq., of Baltimore.

PEABODY, LEONARD WOOD, Henniker, N. H., was born in Newport, N. H., Sept. 13th, 1817. He is a lineal descendant of Francis Peabody, who came to this country from England in 1632, his father Ammi being the sixth in regular succession from that ancestor. He was educated at Kimball Union acad. and Concord literary institution, and graduated M. D. at the Vt. med. coll., June, 1844, and hon. M. D. at Dartmouth coll., 1867. He commenced practice at Henniker in 1844, removed to Epsom, N. H., in 1845, and returned to Henniker in 1871, where he finally settled. He is a member of the N. H. med. soc.; of the centre district N. H. med. soc., and of the N. H. historical soc., and antiquarian soc. An article on "Diphtheria" from his pen appears in the Transactions of the N. H. med. soc., 1863, and a report on "Theory and Practice," *ibid.*, 1868. He held the position of postmaster at Epsom, N. H., from 1861 to 1871, town clerk at the same place in 1869, and superintendent of schools in Henniker during 1872-73 and 1874. He married, Jan., 1846, Louisa L., daughter of Hon. A. B. Kelly, of Warner, N. H.

PLUNKET, JAMES DEASE, Nashville, Tenn., a lineal descendant of Lord Plunkett, of Ireland, was born in Franklin, Tenn., Aug. 20th, 1838. Having received ample preparatory education—his father preferred educating his children through private instructors rather than the ordinary acad. or college plan—he began his professional studies at the univ. of Pa., whence he graduated M. D. in 1863. Immediately upon his graduation he entered the Confederate army, serving as surg. until the end of the war. In 1865 he established himself in general practice in Nashville. He is a member of the Tenn. med. soc., has been secretary from 1865 to 1876 to that body, and is now (1877) its treasurer; and is a member of the Nashville board of health, of the latter he was president in 1874-75. In 1873 he was elected president of the city council of Nashville. He married, Nov. 19th, 1873, Jennie E., daughter of John B. Swope, Esq., of Danville, Ky.

PRESCOTT, ALBERT BENJAMIN, Ann Arbor, Mich., was born Dec. 12th, 1832. He studied medicine in the medical dep't of the univ. of Mich., and graduating M. D. in March, 1864, immediately turned his attention to chemistry and its applications. He is a member of the Washtenaw co. med. soc., Mich.; of the Am. and the Mich. pharmaceutical assos.; fellow of the chemical soc. of London; and of the Am. asso. for the advancement of science; member of the Am. chemical soc; corres. member of the New York acad. of science, and president of the Ann Arbor scientific asso. His contributions to chemical literature have been "Chemical Examination of Alcoholic Liquors," published by Van Nostrand, New York, 1875; "Outlines Proximate Organic Analysis," Van Nostrand, New York, 1875; "Qualitative Chemical Analysis" (Douglas and Prescott), Van Nostrand, New York, 1876; "The Chemistry of Muscle" and other articles, *Michigan University Medical Journal*, vols. 1, 2 and 3. "Apparatus for Vaporization," etc., *Chemical News*, London, xx., 221; "The Aromatic Group in the Chemistry of Plants," *Pharmaceutical Journal*, London, 1876, pp. 144, 164, 182; "The Blow-Pipe Assay," *Engineering and Mining Journal*, viii., 360, 370, 386; "Sulphophenic Acid," Proceedings of the American pharmaceutical asso., 1871; "Solubilities of Alkaloids," American asso. for the advance-

ment of science, 1875; "Salicylic Acid Compared with other Anti-ferments," and other articles, *Peninsular Journal of Medicine*, 1876, etc. During the war he held the position of ass't surg., U. S. vols.; surg. in charge of Foundry general hosp., Louisville, Ky.; and also of No. 3 general hosp., Jeffersonville, Ind., and member of the med. examining board, Louisville, Ky., in 1864 and 1865. He has held the position of prof. of organic chemistry and pharmacy in the univ. of Mich. since 1865, and is dean of the school of pharmacy in the same institution.

SHAPLEIGH, ELISHA BACON, Philadelphia, was born in York co., Me., Nov. 6th, 1824, being descended from Nicholas Shapleigh, an emigrant from England in 1630. Graduating from Yale coll. in 1846, he attended lectures at the med. dep't of the univ. of Pa., receiving his degree of M. D. in 1849. In the same year he established himself in practice in Lowell, Mass., but in 1851 he was induced to remove to Philadelphia. In this latter city he has since continued to reside, conducting a large general practice and paying especial attention to questions of medical jurisprudence. For a period of twelve years, terminating in 1874, he held the position of surg. to the city coroner. He is a member of the northern med. asso.; of the patholog. and Philadelphia co. med. socs., and a fellow of the coll. of phys. He was married, June 7th, 1864, to Anna, daughter of William Loyd, Esq., of Philadelphia.

REESE, WALTER PETERSON, Selma, Ala., was born in Putnam co., Ga., Nov. 30th, 1818, his father being one of the Reeses of Va., a family distinguished in the revolutionary war; his mother a descendant of the Coopers, Bishops, Petersons and Threatts of the same State. His lay education was received at Rocky Mount acad., Autauga co., Ala., and from thence he entered the univ. of Pa., where he attended one course of lectures. He attended a second course at the univ. of Louisville, and from this latter institution, in 1842, received his degree. Establishing himself in Lowndes co., Ala., he rapidly built up an extensive practice, to which he gave his attention until 1851. In October of that year he removed to his present location. In 1848 he was elected a member of the Ala. State med. asso., and was from 1852 to 1857 treasurer of that organization. In 1865-66 he was president of the Selma med. soc.; was president of the board of health in 1875, and in 1876 was sanitary superintendent and registrar of vital statistics; to this latter position he was re-elected for the present year. He has contributed freely to various medical journals, his most important papers being essays upon "Yellow Fever;" "Typhoid Fever;" "Marasmus Peculiar to the Black Race;" "Hypodermic Medication," and "On the Use of the Obstetric Forceps." In the last-named work the early employment of the forceps was strongly advocated, the propriety of such action having been determined upon by him so far back as 1848; and this view having been strengthened by upwards of a quarter of a century of obstetric practice. "Influence of the Mind in Health and Disease;" "Abortions;" "Public Hygiene;" "Sickness Tax;" "Drainage;" "Food Inspection;" "School Hygiene;" "Preventive Medicine," a series of articles under this head; "Sanitary Science;" "Water Pollution." The paper upon hypodermic medication was published in 1861; his advocacy of the new method being in advance of all other practitioners in the State. In politics he was an old-line Whig until the dissolution of the Whig party; was a supporter of Bell and Everett in 1860, and was a Union man until the southern confederacy was formally proclaimed. During the war he served as a surg. on the reserve corps, rendering good service both in hospital and field. He was married, Jan. 11th, 1844, to Mary Elizabeth, daughter of Jesse Turner, Esq., of Clark co., Ala.

REED, THOMAS J., Massillon, O., was born in Coshocton co., O., July 31st, 1838, of Pennsylvania-German ancestry. He received an ordinary school education, pursued his medical studies at the Jefferson med. coll., Philadelphia, and, graduating in 1864, settled in Massillon in general practice in 1866. He is a member of the Ohio State med. soc.; and also of the Northeast Ohio med. and Stark co. med. socs. During the war he occupied the position of acting ass't surg. in the U. S. navy in 1865, on duty in the east Atlantic blockading squadron under Admiral Bailey; subsequently he was appointed to duty in the Findley U. S. general hosp., Washington, D. C. In Aug., 1869, he married Belle M. Dickey, daughter of H. K. Dickey, Esq., of Massillon, O.

GÜNSTER, P. FRANCIS, Scranton, Pa., was born at Lockweiler, Germany, Feb. 1st, 1848. He received a scientific education at the Sheffield scientific school of Yale, and studied medicine at the Bellevue hosp. med. coll., where he graduated M. D., March, 1871. He settled in Scranton, but soon after visited Europe, where he spent two

years. On returning he went to live in Wilkesbarre, but after a year's residence there returned to Scranton, where he now is. He is a member of the Luzerne co. med. soc., was elected its censor in Jan., 1876; was a delegate to the State medical society at Philadelphia, in 1876. He is on the med. staff of the Lackawanna hosp. of Scranton as visiting and consulting phys. to the same.

CHISOLM, JULIAN J., Baltimore, Md., was born at Charleston, S. C., April 16th, 1830, his ancestors having resided in this country for four generations. After receiving a preliminary education he entered the med. coll. of the State of South Carolina, and graduating therefrom in March, 1850, visited Europe and continued his studies in the schools of Paris and London. Upon returning to this country he located in Charleston, S. C., where he remained until 1869, when he removed to Baltimore. In 1852 he commenced giving instruction in surgery, and in 1858 became prof. of surg. in the med. coll. of the State of South Carolina, at that time the third medical school of importance in the country, and the principal one south of Philadelphia. In 1861 he entered the Confederate States army as a surgeon, which position he filled until the end of the war. In 1869 he was elected prof. of operative surg. in the univ. of Md., and at present holds the chair of opthal. and aural surg. in the same univ. Among his contributions to medical journals are papers on "Fracture of Clavicle, with Special Bandage;" "The Radical Cure of Hernia by Sub-Cutaneous Silver Suture;" "Application of Persulphate of Iron, to Avoid After-Dressing in Operations for Fistula in Ano;" "Large Doses of Tincture Mur. Ferri. to Control Acute Attacks of Erysipelas;" "The Use of the Hypodermic Syringe, with Tincture of Iodine in the Radical Cure of Hydrocele;" "The Internal Administration of Strychnine in Large Doses for the Cure of Amaurotic Affections;" "The Necessity for Removing Promptly Eyes Lost by Accident, to Protect against Sympathetic Ophthalmia;" "Value of Atropia in Eye Surgery;" "Transplanting Skin from the Eye-lid to the Mucous Surface of the Lid to correct Symblepharon;" "Salycilic Acid Arresting Aural Discharges." In 1861 he published a hand-book on military surgery, for the use of the Confederate States army, that ran through several editions and was favorably reviewed abroad and at home. He is now devoting his attention exclusively to eye and ear surgery, and in addition to holding the chair above named in the univ. of Md., is surg.-in-charge of the Baltimore eye and ear inst.; opthal. surg. to the Baltimore infirm., and to the Union Protestant infirm. of Baltimore. Since he has entered into practice he has made several visits to the leading European medical schools for the purpose of increasing his professional information.

CONNOR, LEARTUS, Detroit, Mich., was born at Coldenham, Orange co., N. Y., Jan. 29th, 1842. He is of Scotch-Irish descent on his father's side, and on his mother's of English, though his ancestors in both lines have resided in this country for over two hundred years. He received his preparatory education at Walkill acad., Middletown, N. Y.; graduated at Williams' coll., Mass., in 1865; and pursued his medical course at the coll. of phys. and surg., New York city, from which he graduated in 1870. After practising three months in Brooklyn, N. Y., and six months at Searsville, N. Y., he settled in Detroit, Mich., in Jan., 1871, where he now is. He is a member of the Detroit acad. of med., of which he was secretary in 1871 and in 1872; the Detroit med. and library asso.; the convention of Am. med. colls., of which he was secretary in 1876; the Mich. State med. soc.; and the Am. med. asso. From July, 1871, to Jan., 1877, he was the editor of the *Detroit Review of Medicine and Pharmacy*, and is at present one of the editors of the *Detroit Medical Journal*. Besides his editorials and reviews in these journals, he has published papers on "Typhoid Fever," and on "Angina Pectoris." He is prof. of physiol. and clin. med. in the Detroit med. coll., and secretary of the faculty; and is visiting phys. to St. Mary's hosp. He was married, Aug. 1st, 1870, to Anna A. Dame, and has two children.

DOUGHTY, WILLIAM HENRY, Augusta, Ga., son of E. Wesley and Eliza M. (Cronill) Doughty, was born at Augusta, Feb. 5th, 1836. Having received an academical education, he entered the med. coll. of Ga., and was graduated thence M. D. in March, 1855. In the same year he established himself in Augusta as a general practitioner, giving, however, especial attention to gynæcology. Was elected prof. mat. med. and therap. in med. coll. of Ga., now the med. dep't of univ. of Ga., Augusta, Ga., in 1868, which he resigned at close of session of 1874–75. He is a member of the Augusta library and med. soc.; of the Ga. State med. soc.; and of the Am. med. asso. Of his professional publications may be mentioned, "Adaptation of Climate to the Consumptive,

for a Permanent Residence, embracing an Examination of Certain Localities," *Southern Medical and Surgical Journal*, 1859–60; "Physical Geography of the North Pacific Ocean, and Climate of Pacific Coast," *ibid.*, Jan., 1867; "Medical Statistics of the Confederate States Military Hospitals," *ibid.*, March, 1867; "General Reflections upon the Climatological Relations of Disease," *Louisville Medical Journal*, 1873; "Carbolic Acid as an Anæsthetic," *ibid.*, 1875; "True Method of Treating Dislocations Upwards and Backwards of the Scapular End of the Clavicle," *ibid.*, July, 1876; and "Therapeutic Effects and Use of Mercury, etc.," Transactions Georgia Medical Society, 1873. From March, 1862, to April, 1865, he served as a surg. in the Confederate States army, being exclusively employed in hospital duty. Ligated the subclavian artery twice—once successfully. He married, Oct. 11th, 1855, Julia Sarah, daughter of Dr. William L. Felder, of Sumter district, S. C.

DABNEY, WILLIAM CECIL, Charlottesville, Va., was born, July 4th, 1849, in Albemarle co., Va., of Virginian and Scotch descent. After receiving an academical education he entered the univ. of Va., whence he graduated in June, 1868, with the degree of M. D., and subsequently entered the Washington univ. hosp., Baltimore. Soon after he commenced the practice of his profession in Albemarle co., Va., and finally located in the county town. He has given especial attention to diseases of the nervous system. He is a member of the county and State med. socs., holding the position of reporter on anat. and physiol. in the latter institution in 1875. Among his contributions to medical literature, the most important are, the Boylston prize essay on "Medical Chemistry;" "Nitrite of Amyl as an Antidote to Chloroform;" "Development of Connective Tissue;" "Extirpation of Kidney for Renal Calculus;" "Physiological and Pathological Effects of Excessive Soil Moisture;" "Choleate of Soda in Biliary Lithiasis;" "Contribution to the Histology of Epithelial New Formations;" "Disturbances of Nutrition Consecutive to Nerve Lesions." He was married, March 16th, 1869, to Jane Bell Minor, daughter of Wm. W. Minor, Sr., of Albemarle co., Va.

CLEEMANN, RICHARD ALSOP, Philadelphia, Pa., was born, Feb. 22d, 1840, in that city. After receiving an academic education he entered the univ. of Pa., receiving therefrom the degrees of A. B. in 1859, A. M. in 1862, and M. D. in March, 1862. After serving as acting ass't surg. in the U. S. army during 1862–64, he located, in the private practice of his profession, in his native city, where he has since remained. He is a member of the coll. of phys.; pathol. soc.; Philadelphia co. med. soc.; obstet. soc., of which he was elected vice-president in 1877; and corresponding secretary of the soc. of alumni, med. dep't univ. of Pa. He was one of the secretaries of the International med. congress, held at Philadelphia in Sept., 1876. He served as resident phys. to the Episcopal hosp. in 1862–63; visiting phys. to Philadelphia dispensary, 1865–68; and since 1872 as visiting phys. to St. Mary's hosp., Philadelphia.

CURTIS, FREDERIC COLTON, of Albany, N. Y., was born in Unionville, S. C., Oct. 19th, 1843. He comes from an ancestry who have resided in New England for many generations and whose origin is English. He was educated at Beloit coll., and studied medicine in the med. dep't of Mich. univ., at the coll. of phys. and surg. in New York city, and at the univ. of Vienna, graduating at New York in March, 1870. During the war he served for a few months in the 40th Wis. vols. After graduating he spent fifteen months in Europe, and in the line of his profession turned his attention to general medicine, but with special reference to dermatology. He subsequently settled in Albany, N. Y., where he commenced professional life. He was elected member of the Albany co. med. soc., and secretary of the same in 1872 and 1873, and in 1876 was chosen delegate to the N. Y. State med. soc. He has written various articles which have been published in the *New York Medical Journal;* the *Buffalo Medical Journal;* the *Louisville Practitioner;* and the *American Journal of Medical Sciences.* He now holds the position of health phys. of the city of Albany. His career in the army previously referred to lasted only four months, his position being that of a private soldier on the Union side.

DALY, WILLIAM HUDSON, Pittsburgh, Pa., was born, July 11th, 1842, seven miles east of Blairsville, Indiana co., Pa., of Scotch-Irish parents. After receiving a primary education in the public schools of Philadelphia and elsewhere, attended his first course of lectures at the Jefferson med. coll., Philadelphia, in 1863–64, and his second course in 1865–66, at the univ. of Mich., graduating from the latter institution in the spring of 1866. During the war he was first a medical cadet at the Germantown U. S.

army hosp., and subsequently served as ass't surg. in the White Hall, U. S. army, and in the Savannah, Ga., general hosps.; post-surg. at Hilton Head, S. C., and as one of the med. officers who were sent to Jacksonville, Fla., to receive the final instalment of Andersonville prisoners at the close of the war. Upon the termination of his service in the U. S. army he settled at Pittsburgh, Pa., where he has since been engaged in the general practice of his profession. He is a member of the Am. med. asso.; med. soc. of the State of Pa.; Allegheny co. med. soc., of which he is recording secretary; Pittsburgh acad. of med.; and Mott med. club. In 1868 he was appointed phys. to the reform school of Pa., and served in that capacity for eight years until the removal of that institution from Allegheny City. He was married, June, 1869, to Athalia, daughter of Col. James M. Cooper, of Allegheny City.

TURNBULL, LAURENCE, Philadelphia, Pa., was born, Sept. 10th, 1821, in Scotland, and came to this country when he was twelve years of age. After receiving an academical education he entered the drug and chemical establishment of Mr. John Bringhurst, and about the same time the Philadelphia college of pharmacy, from which he graduated, taking as his thesis "Salacine," which he discovered in the *populus temuloides*, which was afterwards published by the faculty of the college in the *Journal of Pharmacy*. Subsequently entering the establishment of the late Fred. Brown, Esq., he took charge of the chemical department, preparing many of the new preparations of the day, and while thus engaged received an award of merit from the Franklin institute for his success and skill in preparing citrate of iron, etc. He subsequently made the discovery that biborate of soda had the property of bleaching ordinary colored ointments. While yet giving a portion of his time to chemistry and pharmacy, he entered as a student the office of the late Prof. John K. Mitchell, and subsequently graduated from the Jefferson med. coll. in 1845. Owing to his failing health he relinquished his chemical and pharmaceutical studies. Soon after his graduation he accepted the position of res. phys. at the Philadelphia hosp., Blockley, afterwards that of out-door phys. of the poor for the dep't of Moyamensing, and subsequently that of vaccine phys., which he held for a number of years. For some time he was a lecturer at the Franklin institute on chemistry applied to the arts, giving particular attention to electricity, in its various manifestations and applications, especially to telegraphy, his lectures being subsequently published in the journal of the institute and in book-form, while a second edition was published by Abraham Hart. He was elected one of the phys. to dep't of diseases of the eye and ear in the Western clinical infirmary (now Howard hosp.) In 1859 he visited Europe, where he studied the practice of the Irish, Scotch, English, Dutch and French physicians in diseases of the eye and ear. Returning to this country, he published a work (the first of its kind in the United States) on the mode of using the ophthalmoscope. At an early period in his professional life he began the special study of aural surgery, and he was the first in the United States to perform perforation of the mastoid cells for disease in that region, which operation he has successfully repeated with the most gratifying results. Among his contributions to medical literature are "A Biographical Sketch of Prof. John K. Mitchell;" "The Electro-Magnetic Telegraph, with an Historical Account of its Rise, Progress, and Present Condition;" "Whooping Cough;" "Hints and Observations on Military Hygiene, with the best means of Treating the Medical and Surgical Diseases of the Army;" "Defective and Impaired Vision, with the Clinical Use of the Ophthalmoscope in their Diagnosis and Treatment;" "The Nature, Causes and Treatment of Nervous Deafness, with an additional translation from the French of Duchenne;" "A Manual of Diseases of the Ear;" "A Brochure on Tinnitus Aurium," second edition; "Clinical Observations on the Relief of Pain in Acute Affections of the Ear," read before the Philadelphia co. med. soc., Nov., 1875; etc., etc. After the second battle of Bull Run he offered his services to the U. S. government, serving in Emory hosp., and going to Fortress Monroe with Surg.-Gen. Smith, when, contracting an attack of intermittent fever, he was compelled to return home. He is a fellow of the Am. asso. for the advancement of science; a member of the Am. med. asso.; med. soc. of the State of Pa., of which he is now vice-president; Philadelphia co. med. soc.; and was a delegate to the recent International med. congress, where he was elected president of the section on otology, which he declined in favor of a gentleman from abroad. April 27th, he was elected aural surg. to the Jefferson med. coll. hosp. He was married, April, 1839, to Louisa Paleske, daughter of Col. Charles S. Smith, of Philadelphia.

TURNBULL, CHARLES SMITH, Philadelphia, Pa., was born in Philadelphia, Nov. 10th, 1847. He is the son of Dr. Laurence Turnbull and Louisa P. Smith

Turnbull, of Philadelphia. Graduated at the Philadelphia Central high school A. B. in 1868, and A. M. in 1873; and studied medicine in the med. dep't of the univ. of Pa., from which he graduated in 1871; also graduated from the auxiliary dep't of the same univ. in 1869. In 1871–72 was surg. to the U. S. geological survey of the Territories of Wyoming and Montana. In 1873–74 was res. ass't surg. to the New York ophthalmic and aural institute. In 1874–75 was a student in the ophthalmic and aural dep'ts of the Imperial general hospital, Vienna, under Arlt, Jäger, Politzer, Gruber, etc., since which time he has been practising ophthalmology and otology in Philadelphia. He is a member of the Franklin institute. He has translated from the German "Tenotomy of the Tensor Tympani Muscle," Gruber; Brunner's treatise "On the Methods of Connections of the Ossicles;" "Injuries of the Eye Considered Medico-Legally," Arlt; and contributed letters to the *Medical and Surgical Reporter* for 1874–75. He is ass't surg. to the veteran corps and to the 1st reg. infantry, N. G. of Pa., and surg. to the eye and ear dep't of the Howard hosp., etc., of Philadelphia.

REAMY, THADDEUS ASBURY, Cincinnati, O., was born in Frederick co., Va., April 28th, 1829. His father, Jacob A. Reamy, was a native of Virginia, of French extraction, and his mother, Mary W. (Bomfield) Reamy, of Scotch-English origin. His parents settled in Zanesville in 1832. He studied medicine in the Starling med. coll., and graduated M. D. in 1854. He subsequently received the degree of A. M. from the Ohio Wesleyan univ. He settled in Zanesville, where he remained till 1870, when he removed to Cincinnati. His specialty is obstetrics. He is a member of the Am. med. asso.; of the Ohio State med. soc., of which he was president in 1870; of the Cincinnati acad. of med.; of the obstet. soc. of Cincinnati; of the gynæcol. soc. of America; corres. member of the Zanesville acad. of med.; of the Van Wirt med. soc., and of the Northwestern med. asso. His contributions to professional literature are found in the medical and surgical journals of the day; among these may be mentioned "Metastasis of Mumps to the Testicle Treated by Cold," *Medical Councillor*, 1855; "Typhoid Fever," *ibid.*, 1852; "Epidemic Diphtheria," etc., *Ohio Medical and Surgical Journal*, Jan., 1859; the "Obstetrical Report," in the Transactions of the Ohio State med. soc., 1866; "Bromide of Potassium in Cerebral Diseases," *Cincinnati Medical News;* "Puerperal Eclampsia," Transactions Ohio med. soc., 1868; "Cancer of the Uterus," *ibid.*, 1876; "Lacerations of Perineum," etc., American gynæcol. soc., 1877; "Advances in Medicine," etc.; "Medical Education," etc., etc. He has also devised a modification of the obstetrical forceps and invented a uterine cervical dilator, an intra-uterine medicator, a uterine cervical syringe, etc., etc. He was elected prof. of mat. med. and therap. in the Cincinnati coll. of med. and surg. in 1858, a position he held two years; in 1867 he was elected prof. of diseases of women and children in the Starling med. coll. This he resigned in 1871, to take the chair of obstetrics, clinical midwifery and diseases of children, in the med. coll. of Ohio, at Cincinnati. He is also gynæcologist to the Good Samaritan hosp. in that city. In 1861 he was elected member of the general assembly of the State of Ohio from Zanesville. In 1862 he was appointed surg. to the 122d reg. O. vol. infantry. In 1853 he married Sarah A., daughter of Mr. Chappelear, of Cincinnati. Their daughter, now deceased, was the wife of Dr. G. S. Mitchell, of Cincinnati, Ohio.

ROCKWELL, ALPHONSO D., New York, was born at New Canaan, Conn., May 18th, 1840. Educated at Kenyon coll. and Bellevue hosp. med. coll., he received his degree of M. D. from the latter institution in 1864. From that time until the close of the war served as surg. of the 6th Ohio cavalry. He established himself in practice in New York in 1865, making a specialty of nervous diseases and electro-therapeutics. In 1867, in conjunction with Dr. Geo. M. Beard, he enunciated in a series of articles published in the *New York Medical Record*, the idea of the tonic effects of electricity as administered in accordance with the method of general Faradization; his suggestions receiving very general attention, and the articles in which they were set forth (afterwards republished in book-form under the caption "The Medical Uses of Electricity"), being translated into French and German. He has since produced a number of works bearing upon the same subject, among which may be mentioned: "Medical and Surgical Electricity," published 1871, second edition 1875; "Clinical Researches in Electro-Surgery," 1873; and various essays: "Relation of Electro-Therapeutics to Electro-Physiology;" "The Physiological and Therapeutical Relations of Electricity to the Nervous System;" "The Application of Electricity to the Central Nervous System" "Central Galvanization: a Reply to Anstie, Brown-Sequard and others," etc. He is a fellow of the N. Y. acad. of med.; member of the Am. necrological soc.; New York necrologi-

cal soc.; New York co. med. soc., and New York Medical Journal asso. He married, Oct. 7th, 1868, Susan, daughter of Gardner Landon, Esq., of New York.

PRICE, JACOB, West Chester, Pa., son of Benjamin and Jane (Paxson) Price, was born near West Chester, Aug. 4th, 1826. Having received his preparatory education at John Gummere's school, Burlington, N. J., he entered Jefferson med. coll., and was graduated thence M. D. in March, 1850. In the same year he established himself in West Chester, engaging in a general practice. He is a member of the Chester co. med. soc.; of the Pa. State med. soc., vice-president in 1868; of the Am. med. asso.; and an associate member of the Philadelphia obstet. soc. He was for three years one of the editors of the *Medical Reporter* (published quarterly by the Chester co. med. soc.), assisted Dr. Worthington in preparing biographical notices of the deceased physicians of Chester co., and furnished to the Transactions of the Pa. State med. soc. memoirs of Drs. Wilmer Worthington and Septimus A. Ogier. He married, Oct. 8th, 1851, Rachel L., daughter of Philip D. Thomas, formerly of Philadelphia, now of Forest co., Pa.

AYER, WASHINGTON, San Francisco, Cal., of Scotch-English descent, was born in Haverhill, Mass., June 18th, 1823. Having received an academic education, he entered the Harvard med. school, and was graduated thence M. D. in March, 1847. During the ensuing eighteen months he practised in Lawrence, Mass.; in Feb., 1849, he sailed for California, arrived in San Francisco on July 5th, 1849, and has since been a resident of that city. While engaging in a general practice, he has given some attention to surgery, and has performed a number of capital operations—notably in many cases of uterine fibroids. He is a member of the San Francisco med. soc., president in 1877; of the Cal. State med. soc.; of the soc. of Cal. pioneers; member of the asso. alumni of the Pacific, etc. From 1865 to 1870 he was a member of the San Francisco board of education. He married Augusta, daughter of Orin Willard, Esq., of Cambridge, Mass.

CASTLE, FRANKLIN D., Philadelphia, son of James H. and Phœbe Castle, was born in Philadelphia, Nov. 4th, 1846. He was educated in the univ. of Pa., whence he graduated A. B. in 1864, and A. M. in 1867. He pursued his medical studies at Vienna, Munich, and Würzburg, and graduating M. D. in the last-named institution in 1870. He subsequently settled in practice in his native city, where he made a specialty of diseases of the eye and ear. He is a member of the Philadelphia co. med. soc., and of the social science asso. He is the author of an essay on "Accommodative and Muscular Asthenopia," read before the county med. soc.; also of a paper on "Hygiene of the Eye," read before the social science asso. During the summer of 1872 he was phys. in charge of the children's house, Atlantic City; and during 1872 he held the position of member of the board of health, Philadelphia. He resigned, because it interfered with his professional duties.

THOMSON, WILLIAM HANNA, New York, of American parentage, but of Scotch descent, was born in Beyrout, Syria, Nov. 1st, 1833. Graduating A. B. from Wabash coll.; A. M. from Yale, and, in 1859, M. D. from the Albany med. coll., he established himself in New York in 1861. He is a member of the New York co. med. soc.; patholog. soc.; and a fellow of the acad. of med. Since 1869 he has been prof. of mat. med. in the univ. of New York; was from 1869 to 1874 phys. to the Charity hosp.; has been since 1874 phys. to Bellevue hosp., and since 1873 phys. to Roosevelt hosp. Among his published writings may be mentioned papers upon "Treatment of Typhoid Fever," *New York Medical Record*, 1875; and "Treatment of Sciatica," American Clinical Lectures, vol. i., No. 5. During the late war he was surg. to the board of enrolment, ix. dist., New York city, and in this capacity, and as State inspector of recruits, examined and passed upon 23,500 men. In 1862 he initiated the observation of the comparative physique of different nationalities, a method that was so highly approved as to draw from the provost-marshal-general an order (in 1864) making the system obligatory on all U. S. examining surgeons.

LINCOLN, NATHAN SMITH, Washington, D. C., a grandson of Dr. Nathan Smith, of Yale college, and a son of the Rev. Sumner and Eliza (Smith) Lincoln, was born at Gardner, Mass., April 3d, 1828. Having been graduated A. B. from Dartmouth coll. in 1850, he studied medicine under his uncle, Dr. Nathan R. Smith, of Baltimore; at the same time attended medical lectures at the univ. of Md., and from that institution received his degree of M. D. in 1852. Until Jan., 1854, he practised his profession in Baltimore, and since that date has been established in Washington. In 1857 he was elected prof. of chemistry in Columbian univ.; in

1859 was made prof. of the theory and prac. of med.; in 1860 prof. of anat. and physiol.; and in 1861 prof. of surgery. The latter chair was retained until 1874, when it was relinquished on account of the pressure of private practice. After serving for several years as one of the surgeons to the Washington infirmary, he was appointed in 1861 surg.-in-chief of the hosps. established at Washington by the quartermaster's dep't, a position that he held during, and for some months after the conclusion of the war. In 1866 he was appointed one of the surgs. to the Providence hosp., an appointment that he resigned in 1875. He has also been for a number of years phys. to the deaf mute coll., and to several other institutions. Having made a specialty of surgery, he has performed a large number of important operations, including amputations at the hip-joint, lithotomy, removal of tumors from the region of the neck, ligation of the large arteries, etc. He is a member of the D. of C. med. soc., vice-president in 1872, president in 1875–76; of the philosophical soc. of Washington; of the Am. asso. for the promotion of science, and of the Am. med. asso. For a short time during the early months of the late war, he was surg. to the D. of C. vols. He has three times married: to Mrs. Margaret E. Ridgate, of Washington; to Mrs. Nannie Moale Smith, of Baltimore; and to Jeanie Thomas, daughter of Judge George Gould, of Troy, N. Y.

CLYMER, MEREDITH, New York, grandson of George Clymer, one of the signers of the Declaration of Independence and also one of the framers of the Federal Constitution, was born in June, 1817. He was educated at the univ. of Pa., and studied medicine in the med. dep't of that institution, graduating thence in 1837. He first commenced practice in Philadelphia, but afterwards removed to New York, where he has made a specialty of diseases of the nervous system and of the mind. He is a member of the New York co. med. soc.; of the New York soc. of neurology, has been its president twice; of the alumni of the med. dep't of the univ. of Pa., is its senior vice-president, having been elected three times; fellow of the coll. of phys. of Philadelphia; and of other medical and scientific socs. His contributions to professional literature have been voluminous, both in the way of original matter and as editor of various works. Among these may be mentioned "Notes on Physiology and Pathology of the Nervous System with Reference to Clinical Medicine," 1874; "The Legitimate Influence of Epilepsy on Criminal Responsibility," 1874; addresses before medical and other societies, including one on Benjamin Rush, M. D.; the annual oration before the society of the alumni of the medical department of the university of Pennsylvania for the centennial year 1876; "The Pathology, Diagnosis, and Treatment of Fevers," Philadelphia, 1846; "Lectures on Palsies and Kindred Disorders," New York, 1870, which were translated and published in France, 1871; "Cerebro-Spinal Meningitis," 1872; "Williams' and Clymer's Diseases of Respiratory Organs," 1855. Articles to the *American Journal of Medical Sciences*, *Medical Examiner*, *New York Medical Journal*, *Medical Record*, and other medical periodicals. He also edited the *Medical Examiner* from 1838 to 1844, also "Carpenter's Human Physiology," 1843, 3d edition; "Williams' Principles of Medicine," 1874, 3d edition; "Carpenter's Elements of Physiology," 1844; "Aitken's Science and Practice of Medicine," 2 vols. (500 octavo pages added), three editions, 1866–68–72. He held the position of attending phys. to the Philadelphia institution for the blind in 1842, and to the Philadelphia hosp. from 1843 to 1847, consulting phys. to the latter from 1847 to 1851; lecturer on the institutes of medicine in the medical institute of Philadelphia, 1843, and on the practice of medicine in the same institution in 1849; prof. of the principles and practice of medicine in the Franklin med. coll., Philadelphia, 1846; and prof. of the institutes and practice of medicine in the univ. of the city of New York, 1851. He held the position during the war of surg. U. S. vols. (1862 to 1865); medical director, dep't of the south (1864–65), and president of the examining board of the U. S. navy during 1862–63.

MISH, GEORGE FREDERICK, Middletown, Dauphin co., Pa., was born in Harrisburg, Pa., July 5th, 1827, of German ancestry, who were among the first settlers of Dauphin co. His early education was obtained in Harrisburg, and at the military univ., Norwich, Vt., his medical studies being pursued in the univ. of Pa., whence he graduated M. D. in 1853, settling first in Middletown, removing thence after five years to St. Paul, Minn., thence to Harrisburg, where he stayed till 1861, when he returned to Middletown. He is a member of the Dauphin co. med. soc., and was its vice-president in 1873 and 1874. For three years he had held the position of surg. to Dauphin co. hosp. and almshouse previous to the war, and during the war served at Antietam as surg. of a Pa. militia reg., also surg. of the Anderson cavalry (15th Pa. cavalry), with which he served till the close of the war in 1865, and afterwards

appointed as surg. of the 7th Pa. cavalry. In 1859 he married Mary, eldest daughter of George Smuller, Esq., of Middletown.

PALMER, CHAUNCEY D., Cincinnati, O., was born in Zanesville, O., Sept. 18th, 1839, of American parentage. He was educated in the public and high schools of Zanesville and Cincinnati, and pursued his medical studies in the med. coll. of O., where he graduated in 1862. He entered the Good Samaritan hosp. as resident phys. and remained there two years, and then went into the army. In 1865 he settled in private and hosp. practice in Cincinnati, making as a special subject of his study and profession obstetrics and medical and surgical diseases of women. He is a member of the Cincinnati acad. of medicine, and obstet. soc.; Boston gynæcol., and Meigs and Mason co., O., med. soc. He has published numerous papers on obstetrics and gynæcology in the *Cincinnati Medical Observer*, *Cincinnati Clinic*, *Boston Gyæncological Journal*, *New York Obstetrical Journal*, etc. He is obstetrician to the Cincinnati general hosp.; Good Samaritan hosp., and prof. of gynæcol. in the med. coll. of O. During the war he held the position of ass't surg. in the army of the Mississippi, and at camp Dennison, O., general hosp. He has been married twice; the first time, in 1863, to M. Helen Taylor, of Cincinnati, who died a year after; the second time to M. Addie, daughter of Barton White, Esq., of Cincinnati.

PECK, WASHINGTON F., Davenport, Ia., was born, Jan. 22d, 1841, at the town of Galen, N. Y., of Scotch and Dutch parentage. After receiving an academic education he entered Bellevue hosp. med. coll., from which he graduated with the degree of M. D. in 1862. After graduating he served for eighteen months as house surg. in Bellevue hosp., New York, and for one year as surg. in Lincoln general hosp., Washington, D. C. In June, 1864, he located in private practice at Davenport, Ia., where he has since remained. Among the many important operations which he has performed are included seventeen of ovariotomy; one of removal of uterus with fibroid tumor; two exsections of hip-joint; four of trephining, and ten for stone in the bladder. He is a member of the Am. med. asso.; Iowa State med. soc., of which he was president in 1876; Iowa and Illinois central dist. med. asso.; Scott co. med. soc., of which he was president in 1874. He has been serving as prof. of surgery and clinical surgery in the med. dep't of Iowa State univ., and also as dean of the faculty since 1869. He is also surg.-in-chief of the Chicago, Rock Island and Pacific railroad; surg. to Mercy hosp., Davenport; and consulting surg. to Mercy hosp. in Iowa City. He was married, Sept. 18th, 1865, to Maria, daughter of Merritt Purdy, Esq., of West Butler, N. Y.

GOOLICK, PETER, Baltimore, Md., of Irish descent, second son of Peter and Jane V. Goolick—the former sometime mayor of Fredericksburg, and British vice-consul—was born in Fredericksburg, Va., Oct. 28th, 1837. Having completed his preliminary education, he attended lectures in the med. dep't of the univ. of Va. in 1858–59, and at Jefferson med. coll. in 1859–60, receiving his degree of M. D. from the last-named institution. In 1861–62 he practised in Westville, Mathews co., Va.; from 1865 to 1869 at Tidewater, Va., and since 1869 has been established in Baltimore. After being for some time a member of the adjunct faculty of Washington univ., he was in (1870) one of the founders—in association with Drs. Edward Warren and Harvey L. Byrd—of the Baltimore coll. of phys. and surg. In this institution he has been, since its foundation, prof. of med. jurisprudence and toxicology. In 1862 he was appointed an ass't surg. in the Confederate States army; originated and managed General Henry A. Wise's brigade hosp., near Richmond; assisted Dr. Baldwin in Am. hotel hosp., Staunton, and served in the field in General Jubal A. Early's corps. He married Mrs. M. L. Hobson, of Richmond, sister of General James H. Lane.

BIGELOW, JOHN MILTON, Albany, N. Y., was born in Albany, Aug. 22d, 1846. On his father's side he is descended from the Bigelow family of Massachusetts, of English origin. He is the eldest son, as was his father, grandfather, and great-grandfather respectively, each of whom were physicians of great repute. On his mother's side he is of Prussian descent, and connected with some of the oldest German families in the State of N. Y. He was educated at the Albany boys' acad., graduating in 1863; and at Williams coll., where he graduated in 1866. He studied medicine at the coll. of phys. and surg. of New York city, from which he graduated in 1869, receiving the following year the hon. degree of M. D. from the Albany med. coll. He settled in his native city. His specialty is diseases of the throat, air passages, and heart. He is a member of the Albany co. med. soc., of which he was secretary from 1870 to 1871; of the Albany institute; and is now a delegate to the N. Y. State med. soc. He has written papers on "Idio-

pathic Peritonitis," 1871; "Croup," 1872; "Hyperidrosis," 1873, and "Tobacco Poisoning," 1874. He was the county physician of Albany for 1876–1877. In 1870 he was appointed prof. of mat. med. and therap. in the Albany med. coll., a position he now fills, as he does that of attending phys. to the Albany hosp., appointed in the same year; to St. Peter's hosp., appointed in 1874. He was also appointed attending phys. to the Child's hosp., for 1876. He was married, Feb. 14th, 1874, to Sara A., daughter of Mr. T. P. Crook, of Albany, N. Y

OSBORN, JAMES DORROH, Greensboro', Ala., first child of Dr. T. C. Osborn, was born, Aug. 24th, 1845, at Erie, Greene co., Ala. He was educated at the Southern univ., Ala., and graduated in 1866 from the med. dep't of the univ. of Va., serving three months at the insane hosp. in Tuscaloosa, Ala., after which he took a course of lectures in the univ. of Louisiana, and in 1866–67 attended the Charity hosp. at New Orleans. He first settled eight miles south of Greensboro'; next practised with his father in Greensboro'; next on the Yazoo river, Miss.; next in Dallas, Texas, and now in Cleburne, Texas. He is a member of the Greensboro' (Ala.) med. soc. He has written a paper on the "Yellow Disease," published by order of the Greensboro' med. soc. in the *New Orleans Medical and Surgical Journal*, for Jan., 1869. He served as a lieutenant in Forrest's cavalry in the Confederate army, and was wounded in the shoulder at Columbia, Tenn., during Hood's march to Nashville. He married, in 1870, Juliet Pittman, of Palmyra, Mo.

CARO, SALVATORE, New York city, was born, Feb. 15th, 1823, in Canicatti, province of Girgenti, Sicily. His ancestors were distinguished for wealth and literary culture. He attended school in his native place until 1838, when he entered the Franciscan coll. in the city of Trapani, at which he remained till Sept., 1842, beginning the following October the study of medicine at the univ. of Palermo, from which he graduated May 12th, 1848, six years being the period of the regular curriculum. From Oct., 1843, to June 10th, 1848, he served as an interne in the Civic hosp. at Palermo, and from May, 1850, to Jan., 1852, as house surg. in the same institution, having settled in Palermo immediately after his graduation in 1848. He left Sicily, Feb. 2d, 1852, and landed in New York, May 14th of the same year, residing in Brooklyn until October, when he removed to Elizabeth City, N. J., where he remained until 1855, and then settled permanently in the city of New York. He is a member of the New York co. med. soc., which he represented in the New York State med. soc. from 1871 to 1874, and in the Pa. State med. soc. in 1873 and 1874; of the New York acad. of medicine, in which he has been since Jan., 1875, secretary of the section of obstetrics and diseases of women and children; of the New York patholog. soc., and of the Am. med. soc.; and a corres. member of the Royal acad. of med. science of Palermo, Italy. He is the author of a paper on "Bromide of Potassium and Cholera Infantum," *Medical Record*, June, 1869; on "Chloral and Rigidity of the Os-Uteri in Parturition," Transactions of the N. Y. State med. soc., 1872; on "The Sedative Action of the Sulphate of Quinine," *New York Medical Record*, Aug. 15th, 1874; and on "Diseases of the Mammary Glands during Lactation," Transactions of the New York acad. of med., 1874. During the Sicilian revolution he was a surg. in the army from March 20th, 1848, to June, 1850. He was married, Feb. 14th, 1855, to an American lady, who died, Aug. 9th, 1864, leaving him three children.

GIBBONS, HENRY, Jr., San Francisco, Cal., grandson of Dr. William Gibbons, and son of Dr. Henry and Martha (Poole) Gibbons, was born in Wilmington, Del., Sept. 24th, 1840. Having graduated from the San Francisco high school, he entered the med. dep't of the univ. of the Pacific, and from that institution received in March, 1863, his degree of M. D. In Jan., 1866, he established himself in San Francisco. From 1870 to 1873 he was prof. of mat. med.; since 1874 has been prof. of obstetrics and diseases of women, and since 1870 has been dean of the faculty of the med. dep't of the univ. coll., late univ. of the Pacific. He is a member of the Cal. State med. soc., and of the San Francisco med. soc., of the latter secretary for several years, and president in 1875. From 1873 to 1875 inclusive, he was health officer in San Francisco. In 1863 he was appointed an acting ass't surg. in the U. S. vol. army, and was for the ensuing two years on duty at the Douglas general hosp. He married, Dec. 18th, 1871, Marie C. Raymond, daughter of S. A. Raymond, Esq., formerly of Toledo, O.

WEATHERLY, JOB SOBIESKI, Montgomery, Ala., of Scottish parentage, was born in Bennettsville, Marlboro' co., S. C., July 8th, 1828. He was educated at Bennettsville high school, and in the univ. of New York, graduating from the latter, March,

1849. He first settled near Adairsville, Ga., then he removed to Palmetto, Ga., and thence to Montgomery, Ala. His specialty is diseases of women and children. He is a member of the Montgomery med. and surg. soc.; of the Ala. State med. asso.; is president of both, and was first vice-president of the Am. med. asso., in 1871. Among his contributions to professional literature are articles on "Glossitis;" "Puerperal Convulsions;" "Operation for Polypoid Tumor of Uterus;" "Diabetes," "Hæmorrhagic Malarial Fever;" paper on "Medical Education;" before the Ala. State asso.; paper on same subject, read before the Am. med. asso., as chairman of the committee on medical education; "Presidential Address to the State Association on State Medicine," 1000 copies were printed by the asso. for general distribution; paper read before the State asso. on "The Propriety of State Action in the Prevention of the Spread of Syphilis." He married, 1852, Eliza George, daughter of Col. C. B. Taliaferro, Esq.

POOLEY, JAMES HENRY, Columbus, Ohio, was born, Nov. 17th, 1839, at Charteris, Cambridgeshire, England, but came to this country in his early childhood. He is a son of Dr. J. H. Pooley, a practitioner at Dobb's Ferry, N. Y., and a brother of Dr. T. R. Pooley, of New York city. He was educated at various schools and academies, and studied medicine at the Albany medical college, and the college of physicians and surgeons in New York, from which latter he graduated in March, 1860. In August, 1861, he entered the regular army, on returning from which he settled, in May, 1863, at Yonkers, N. Y., whence he removed, Oct. 1st, 1875, to Columbus, O. He is a member of the N. Y. acad. of med.; the N. Y. pathol. soc.; the N. Y. State med. soc.; the Ohio State med. soc.; and the Columbus acad. of med.; honorary member of the Yonkers (N. Y.) med. asso.; and of the Licking co. (O.) med. soc.; and a corresponding member of the Boston gynæcol. soc.; and was a member of the International med. congress in 1876. He has been a somewhat voluminous writer on medical subjects, the following being a list of his productions: "Case of Spontaneous Umbilical Hæmorrhage in an Infant," *American Journal of Medical Sciences*, April, 1866; "Case of Congenital Malformation of the Upper Extremity," *ibid.*, Oct., 1867; "Case of Congenital Fistula of the Neck," *New York Medical Record*, July 1st, 1869; "Gunshot Wound of the Abdomen, with Recovery," *New York Medical Gazette*, Dec. 4th, 1869; "Double Dislocation of Humerus and Clavicle," *American Journal of Medical Sciences*, July, 1865; "Three Cases of Imperforate Anus, with Remarks," *American Journal of Obstetrics*, May, 1870, reprinted in pamphlet form, referred to in "Holmes's System of Surgery," and containing a case of inguinal colotomy for imperforation, probably the first in this country; "Necrosis of Lower End of Femur," "Death from Hæmorrhage," *New York Medical Record*, Dec. 15th, 1869; "Emphysema Externa from Whooping-Cough, *New York Medical Gazette*, Oct. 16th, 1869; "Cystic Sarcoma of the Palm of the Hand," *New York Medical Record*, Aug. 16th, 1869; "Congenital Malformation," *New York Medical Gazette*, April 30th, 1870; "Three Cases of Bone Disease," *ibid.*, pp. 206, 211, and 214; "Epithelioma of the Face, with Recurrent Soft Cancer," *ibid.*, Feb. 19th, 1870; "Case of Absence of Uterus and Vagina," *American Journal of Obstetrics*, May, 1871; "Relations of Epididymitis to Urethritis," *New York Medical Record*, Nov., 1871, "Surgical Cases Treated in the St. John's Riverside Hospital during the year 1870," *New York Medical Journal*, Nov. 1871, reprinted in pamphlet form; "Surgical Cases Treated in the St. John's Riverside Hospital during the year 1871," *ibid.*, Nov. 1872, reprinted in pamphlet form; "Some Remarks on the Surgery of Childhood," Transactions of N. Y. State med. soc. for 1872, pamphlet; "Case of Fecal Fistula and Ovarian Cyst in a Child Three Years Old," *American Journal of Obstetrics*, referred to in "Schroeder on Diseases of Females;" "Case of Epithelioma, with Blepharoplasty," Archives of Ophthalmology and Otology," vol. iii., part 1, also in pamphlet form; "Paper on Nævus," *New York Medical Journal*, June, 1873, reprinted in pamphlet form; "Report of Surgical Cases in St. John's Riverside Hospital for 1872," *ibid.*, Oct., 1873, reprinted as a pamphlet; "Cases in Surgery, Lumbar Colotomy, etc.," *ibid.*, Jan., 1874, reprinted in pamphlet form; "Two Cases of Imperforate Anus," *American Journal of Obstetrics*, May, 1874; "Case of Tracheotomy," "Death from Undiscovered Aneurism of the Aorta," *New York Medical Journal*, May, 1874; "Surgical Cases Treated in the St. John's Riverside Hospital during the year 1873," *ibid.*, Dec., 1874, reprinted; "Case of Perityphlitic Abscess," *New York Medical Record*, April 12th, 1875; "Gastrotomy and Gastrostomy," *Richmond and Louisville Medical Journal*, April, 1875, reprinted, and quoted by Holmes in his "Principles and Practice of Surgery," and translated into French by Dr. Amussat, of Paris; "Hernia," *Atlanta*

Medical and Surgical Journal, May, 1875; "Hallux Valgus, Exsection, etc.," *Medical Record*, May 29th, 1875; "Case of Tracheotomy in Diphtheria," *West Virginia Medical Student*, Jan., 1876; "Nocturnal Enuresis," *Cincinnati Lancet and Observer*, Dec., 1875, reprinted; "Median Lithotomy," *ibid.*, Feb., 1876, reprinted; "Case of Remarkable Recovery from Severe Injury," *West Virginia Medical Student*, Feb., 1876; "On Some Points in the Surgery of Childhood," American Series of Clinical Lectures, vol. 2, No. ix.; "Case of Trephining for Epilepsy," Archives of Clinical Surgery, vol. 1, No. 6, Dec., 1876; "Dislocation of the Thigh Reduced by Means of the Fulcrum," *American Practitioner*, Dec., 1876. Since June, 1876, he has been the editor of the *Ohio Medical and Surgical Journal.* He is prof. of surgery in the Starling med. coll., and surg. to the St. Francis hosp., Columbus, as he was to the St. John's Riverside hosp. at Yonkers, N. Y., from 1863 to Oct., 1875. He was married, Dec. 4th, 1861, to Mary E. Sampson, of New York city, and has had nine children, of whom seven are living.

UNDERHILL, JOSHUA W., Cincinnati, O., was born in Somerset co., Md., Jan. 11th, 1837. His education was received at Madison coll., O.; he pursued his medical education at the medical institution of the Cincinnati coll. of medicine and surgery, and at Bellevue hosp. med. coll., New York city, graduating from the former in 1865, and also receiving the *ad eundem* degree from Bellevue in 1866. He began practice in Burnettsville, White co., Ind., and later settled in Cincinnati. He is a member of the Am. med. asso.; of the Ohio State med. and Cincinnati obstet. socs., and of the Cincinnati acad. of medicine; he is also secretary of the Cincinnati obstet. soc. In May, 1875, he was appointed phys. to the Cincinnati hosp., a position from which he resigned Sept., 1876; from 1867 to 1870 inclusive, he was demons. of anat. in the Cincinnati coll. of medicine and surgery, and has been since 1872 lecturer on med. jurisprudence in the same institution. He has published "An Analysis of Fifty-four Cases of Scarlet Fever," *Cincinnati Medical News*, June, 1874; "Report of a Case of Chorea Occurring during Pregnancy," supplement to *Obstetrical Journal of Great Britain*, June, 1875; "Puerperal Septicæmia," *Cincinnati Medical News*, Nov. and Dec., 1876, and April, 1877. This latter was also published subsequently as a monograph. He held the position of coroner of Hamilton co. in 1871 and 1872; was elected a member of the board of education of Cincinnati in 1876. From 1862 to 1864 he was ass't surg. and then surg. of the 46th reg. Ind. vol. infantry, and was mustered out in 1865. In June, 1874, he married Lida E., daughter of Dr. J. S. McPherson, of Cambridge, O.

WARD, R. HALSTED, Troy, N. Y., son of Israel C. and Almeda Hanks Ward, was born in Bloomfield, Essex co., N. J., June 17th, 1837. Having graduated from Williams coll. A. B. in 1858 (A. M. in 1861), he entered the New York coll. of phys. and surg.; was graduated thence M. D. in 1862; was for a few months—until compelled by sickness to resign his commission—an acting ass't surg. in the U. S. vol. army; was for a year, as a sanitary measure, resident in Minnesota, and since 1863 has been established at Troy. He is a member of the Rensselaer co. med. soc., president in 1877; of the N. Y. State med. soc., and of the Am. med. asso.; also of the Troy scientific asso., president from its foundation to 1877; of the Am. asso. for the advancement of science; chairman in 1876–77 of the microscopical sub-section; an hon. member of the Belgian microscopical soc., etc. He has for a number of years been prominent as a microscopist, much of his time being devoted to medical microscopy. Several original inventions and appliances have been introduced by him, tending to materially facilitate the use of the instrument, and he has frequently appeared before the criminal courts as an expert. In 1871 he became an associate editor of the *American Naturalist;* founded, and has since conducted the microscopical dep't of that journal, the first microscopic department attached to any scientific publication in this country. During the past six years he has been a constant contributor to this periodical, a large proportion of his articles being reprinted in Europe. As a botanist he is also well known, and since 1869 he has been prof. of, having previously been instructor in, botany in the Rensselaer polytechnic institute of Troy. Since 1868 he has been a member of the medical board, and of the board of governors of the Marshall infirmary, secretary of the latter board since 1873. He married, June 10th, 1862, Charlotte A., daughter of Caleb D. Baldwin, Esq., of Bloomfield, N. J.

ROSS, JOHN DEAN, Williamsburg, Blair co., Pa., was born in Indiana, Pa., Sept. 2d, 1806. He was educated at the academy, Indiana, and studied medicine in the office of Dr. James M. Stewart, and in the med. dep't of the univ. of Pa. He gradu-

ated, March, 1832. He commenced practice in Water Street, Huntingdon co., Pa., and in 1838 he removed to Williamsburg. He is a member of the Blair co. med. soc., elected in 1848, and has often held the position of its vice-president and president; of the Pa. State med. soc., vice-president in 1864, and president in 1865; permanent member of the Am. med. asso. since 1854.

DUNSTER, EDWARD SWIFT, Ann Arbor, Mich., was born, Sept. 2d, 1834, at Springvale, York co., Me., and is a lineal descendant of Henry Dunster, the first president of Harvard coll., who emigrated to this country from England in 1640. Fitted for college in the public schools of Providence, R. I., he afterwards entered Harvard coll., graduating therefrom A. B., 1856; A. M., 1859; and subsequently studied medicine in New York as a private pupil of Prof. Peaslee, and graduated at the New York coll. of med. and surg., with the degree of M. D., in 1859. He also attended one course of lectures in the med. dep't of Dartmouth coll. After graduating he entered St. Luke's hosp., and in 1860 commenced practice in the city of New York. Entering the army in June, 1861, as ass't surg., he subsequently served in Western Virginia and the Peninsula campaign under McClellan, in charge of various hosps., and as med. inspector and med. director of hosp. transports; in charge of Turner's Lane hosp., Philadelphia; ass't in surg.-gen. office, Washington; attend. ass't surg. at the U. S. military acad., West Point; and resigning Feb. 1st, 1866, recommenced the practice of his profession in New York, making a specialty of obstet. and diseases of women and children. He was editor of the *New York Medical Journal*, 1866–72; resident phys. in charge of hosps. on Randall's island, New York, 1869–73; prof. of obstet. and diseases of women and children, univ. of Vt., 1868–71; prof. of obstet. and diseases of women and children, Long Island med. coll., Brooklyn, N. Y., 1869–75; and since 1871 has been prof. of obstet. in med. dep't Dartmouth coll; and since 1873 prof. of obstet. and diseases of women and children, in univ. of Mich. He is a member of the New York co. med. soc.; N. Y. acad. of med.; N. Y. pathol. soc. Am. geographical and statistical soc.; N. Y. hist. soc.; Mich. State med. soc.; Am. med. asso. Among his contributions to the literature of his profession are included papers on "Relations of the Medical Profession to Modern Education;" "The Logic of Medicine;" "Notes on Double Monsters;" "History of Anæsthesia;" "The Comparative Mortality in Armies from Wounds and Disease;" "History of Spontaneous Generation." He was married, Nov. 4th, 1873, to Rebecca M., daughter of Rev. Dr. Sprole, of Newburg, N. Y., formerly chaplain and prof. of ethics in U. S. military acad., West Point, N. Y.

CATLIN, BENJAMIN HOPKINS, Meriden, Conn., son of Benjamin Catlin, was born in Harwinton, Litchfield co., Conn., Aug. 10th, 1801. He graduated from the med. dep't of Yale coll. in 1825, and settled in Haddam, Middlesex co., Conn., from whence he removed, April 5th, 1842, to Meriden, New Haven co., Conn., where he still resides. He is a member of the Conn. med. soc., of which he was president from May, 1856, to May, 1858; and of the Am. med. asso., of which he was vice-president in 1873. He is a member of the judicial council. He is the author of two annual addresses before the Conn. med. soc.; of various reports to the same body; and of a report on "Epidemics" to the Am. med. asso. He was married, Sept. 9th, 1835, to Amelia D. Spencer, daughter of William Spencer, Esq., of Lyme, Conn. Had two sons; the eldest was surg. of vols. in the army during a portion of the late war. He died in Missouri, Feb., 1871. The youngest son is still living.

COUES, ELLIOTT, Washington, D. C., son of Samuel Elliott and Charlotte Haven (Ladd) Coues, was born at Portsmouth, N. H., Sept. 9th, 1842. After receiving an academic education he entered Columbian coll., D. C., in 1858, graduated in June, 1861, afterward receiving the degrees of A. M. (June, 1862), M. D. (March, 1863), and Ph. D. (June, 1874). He entered the U. S. army as medical cadet in 1862; became acting ass't surg. in 1863; and since March 30th, 1864, has held commission as ass't surg. U. S. army. His military record shows service in the general hosps. at Washington in 1862–63–64, and in the field in 1863; he afterward served in Arizona, North and South Carolina, Dakota, and elsewhere. He was married, May 3d, 1867, at Columbia, S. C., to Jeannie Augusta, daughter of Owen McKinney, Esq., of Rushford, N. Y. He is best known as a zoölogist and comparative anatomist, having published over a hundred treatises in various departments of the natural sciences. He is a member of the acad. of natural sciences of Philadelphia; of the Boston soc. of natural history; of N. Y. lyceum of natural history; of the philos., med., and naturalist socs. of Washington; of the Am. asso. for the advancement of science; and of

nearly all the other scientific assos. of the United States, as well as of several European ones, as the British ornithol. union and zoölog. soc. of London. He has been prof. of zoölogy and comparative anat. in Norwich univ., Vt.; resident collaborator of the Smithsonian institution; surg. and naturalist of the U. S. and British Am. boundary commission; vice-president of the literary soc. of Washington; chairman committee International game protective asso.; secretary of the U. S. geological and geographical survey of the territories; and has had editorial or other association with numerous papers and periodicals.

WHITE, FRANCIS VARIAN, New York, was born in that city, Oct. 10th, 1832. His father was Ambrose L. White, also a physician. He received his classical and medical education at the univ. of the city of New York, graduating with the former class in 1852, and with the latter in 1855. He settled in New York. In 1856 and 1857 was house surg. in Bellevue hosp., and in 1857–58 had charge of diseases of children in the Eastern dispensary. He is a member of the med. soc. of the city and county of New York; of the N. Y. acad. of med.; and of the N. Y. pathol. soc. His medical papers consist principally of "Remarks on the Treatment of Fractures of the Patella, with a Description of the late Dr. Thomas Turner's Apparatus," published in the *Medical Record*, and his Bellevue hosp. reports. In June, 1860, he married Annie, daughter of James Hart, Esq., of New York city.

COLLIER, PETER, Burlington, Vt., son of Jacob and Mary E. Collier, was born in Chittenango, N. Y., Aug. 17th, 1835. He fitted for college at Yates' polytechnic institute of that place; graduated at Yale in 1861; and in 1870 received the degree of M. D. from the med. dep't of the univ. of Vt. He first settled in New Haven, Conn., whence he removed to Burlington, Vt. After graduation he entered the Sheffield scientific school of Yale coll., devoting himself to the study of chemistry, and serving for several years as ass't in the laboratory. In 1866 he received the degree of Doctor of Philosophy from Yale coll. In 1867 he removed to Burlington, Vt., having been appointed prof. of chem., mineral., and metal., in the Vt. univ., in the med. dep't of which he also has become prof. of chem. and toxicol., and dean of the med. faculty, in addition to being secretary of the State board of agricul., mining, and manufac., a position to which, as well as that of dean, he was appointed in 1871. In 1868 he was elected prof. of chem. and nat. philos. in Williams' coll., Mass., but declined the appointment. He has made a specialty of general chemistry. He is a member of the Conn. acad. of sciences, at New Haven; and of the Am. chemical soc. in New York city. His writings, for the most part, have been in the line of agricultural chemistry, and embrace a paper on "Commercial Fertilizers," prepared in 1872 for the report of the State board of agriculture, etc., and a report on the same subject made in his capacity as member of the scientific commission of the U. S. to the Vienna exhibition. He delivered the opening address before the med. class of the univ. of Vt. in 1876, subsequently published at the request of the class. In 1873 he was appointed a scientific commissioner for the U. S. government to the world's exposition at Vienna. He was married in Providence, R. I., Oct. 18th, 1871, to Caroline Frances, daughter of the late Andrew A. Angell, of Scituate, R. I.

SMITH, ABRAM A., New York, was born at Wantage, Sussex co., N. J., March 25th, 1847. He received his education at the Newton collegiate institute, Newton, N. J.; Lafayette coll., Easton, Pa. (1868); and at the Bellevue hosp. med. coll., New York city (1871). He was interne of Bellevue hosp., and subsequently began the practice of medicine in the city of New York. He is a member of the New York co. med. soc.; of the N. Y. acad. of med. and of the Medical Journal asso. of N. Y. A lecture from his pen on "The Therapeutics of Headache" was published in the *New York Medical Record*, for Aug., 1876. He is adjunct lecturer on clin. med. in Bellevue hosp. med. coll.; lecturer on therap., spring course; attend. phys. to Demilt dispensary, on heart and lungs; and ass't phys. and surg. to N. Y. State woman's hosp. In Dec., 1873, he married Sue L., daughter of Henry Bender, of Easton, Pa.

MORRIS, MOREAU, New York, was born at Stillwater, N. Y., June 19th, 1825. He is the son of Prof. Oran W. Morris and Selina P. Morris, daughter of Dr. William Patrick, of Stillwater, one of the founders of the N. Y. State med. soc. He graduated in 1848 at the coll. of phys. and surg. in New York city, where he first settled, and has since resided. He is a member of the N. Y. acad. of med.; the New York co. med. soc.; the N. Y. Medical Journal asso.; the medico-legal soc. of N. Y.; the Am. med. asso.; the public health asso.; and the geograph. soc. of New York. His contributions to medical literature include a report to the health dep't of New York city, on

"Cerebro-Spinal Meningitis," published also in pamphlet-form; a report to the New York co. med. soc. on "Drainage;" and various reports on sanitary matters generally. He was phys. to the deaf and dumb institution, and to the New York juvenile asylum; sup't of the health dep't of New York city; health commissioner for New York city; and State commissioner on diseases of cattle for N. Y. He is surg. to the 7th reg. N. G. of N. Y., and surg.-in chief of the Am. popular life insurance co. of New York. He was married in April, 1848, to Lydia C. Thayer, and has two children.

COCHRAN, JEROME, Mobile, Ala., the descendant of a Scotch-Irish family, long resident in Virginia, was born at Moscow, Tenn., Dec. 4th, 1831. Having received an ordinary English education—since supplemented by a course of private study, embracing biology, theology, metaphysics, logic, mathematics, French, Spanish, and Italian—he entered the med. dep't of the univ. of Nashvil'e; attended five courses of lectures in that institution, and was graduated thence M. D. in Feb., 1861. In June, 1865, he established himself as a general practitioner in Mobile. He is a member of the Mobile med. soc., and of the Ala. State med. asso., secretary of the latter from 1868 to 1873, and since 1873 chairman of the board of censors. Of his publications may be mentioned: "Administration of Chloroform by Deglutition," pamphlet, pp. 25, 1867; "General Principles of Organization and Evolution of Organic Forms," pamphlet, pp. 53, 1871: "Endemic and Epidemic Diseases of Mobile: their Causes and Prevention," pamphlet, pp. 48, 1871; "History of the Yellow Fever Epidemic of 1873," pamphlet, pp. 63, 1874; "The White Blood Corpuscle: its Physiology and Pathology," pamphlet, pp. 51, 1874; "History of the Small-Pox Epidemic of 1874-75 in the City of Mobile," pamphlet, pp. 125, 1875; and has in preparation an elaborate work entitled "Public Hygiene in its Relation to Zymotic Diseases." He has also been a considerable contributor to the leading medical periodicals. In organizing the medical fraternity, and in formulating the medical and hygienic laws of Alabama, he has been zealous and efficient. He framed the new constitution of the State medical association—an instrument that transforms the association into a medical legislature, empowered to govern the profession in the State; drew the "Act to Establish Boards of Health in the State of Alabama" (passed by the State legislature in 1875)—constituting the State medical association the State board of health, and the county medical societies the county boards of health; drew the "Health Ordinance of the City of Mobile," as adopted in 1872, and as revised in 1875; and drew the "Act to Regulate the Practice of Medicine in the State of Alabama" (passed by the legislature in Feb., 1877)—requiring every intending practitioner of medicine within the limits of the State to pass a satisfactory examination before one or other of the several examining boards created and controlled by the State medical association; and refusing recognition as sufficient qualification to practise to the mere diploma of graduation from a medical college. To secure the passage of an act of this character, he has persistently labored for some six years. Since 1873 he has been chairman of the committee on public health of the State med. asso., a position now equivalent to that of health officer of the State. From 1868 to 1873 he was prof. of chemistry in the med. coll. of Ala., and since 1873 has been prof. of public hygiene and med. jurisprudence in the same institution. In 1871-72, and again in 1875, he was health officer of the city of Mobile. During the late war he served for three years as surgeon in the Confederate States army, mainly in hospitals.

CHAMBERLAIN, WILLIAM MELLEN, New York city, son of Prof. Wm. M. Chamberlain, of Dartmouth coll., was born at Hanover, N. H.; educated at the Phillips Andover acad., and Dartmouth coll., receiving the degree of A. M. and M. D. in 1853; studying medicine in the med. dep't of his *Alma Mater;* and subsequently attended lectures at the New York med. coll. and the med. dep't of the New York univ.; was an interne of the Charity hosp. and the Quarantine hosp. at Boston; practised at Astoria, on Long Island, from 1854 to 1860, and, after an interval of military service, settled in Nov., 1862, in the city of New York. His specialty is the diseases of women. He is a member of the New York acad. of med., of which he was secretary from 1865 to 1868; the New York co. med. soc., of which he was censor and delegate to the State society from 1868 to 1872; the New York obstet. soc., of which he was vice-president in 1872; and the New York pathолog. soc.; and an hon. member of the New York med. soc. He has contributed to different medical journals papers on "Chloroform," "Nitrous Oxide," "Atrophy of the Liver," and "Puerperal Diseases." In 1864 he was appointed lecturer on obstetrics in the New York med. coll., holding the position until the institution was abandoned; was phys. to the Demilt dispensary (chair of diseases of women) from 1868 to 1874; prof. of therap. and mat. med. in the Starling med. coll. in

1874–75; and since 1870 has been phys. to the Charity hosp. of New York in the uterine and obstet. dep't. In Sept., 1861, he was commissioned surg. of U. S. vols., but resigned in the following Oct., to serve as medical correspondent of the Sanitary commission, with the head-quarters of the army of the Potomac, continuing in that capacity until Oct., 1862. In Dec., 1862, he was appointed examining surg. of the U. S. pension bureau, holding the office for five years; and from 1865 to 1871 he was medical examiner for the Charter Oak life insurance company. He was married, April, 1856, to Susan E. Chandler, of Peacham, Vt., and has three children.

BUCK, ALBERT H., New York, was born Oct. 20th, 1842. He was educated in Yale coll., and pursued his medical studies at the coll. of phys. and surg. in New York, graduating at the former in 1864, and at the latter in 1866. He is a member of the Am. otological soc., and of the New York co. med. soc.

MÜLLER, ALFRED, New Ulm, Brown co., Minn., was born in Berne, Switzerland, Dec. 19th, 1825. His father was Abraham Müller, of Nidau, Switzerland. He was educated at the univ. of Berne, and pursued his philosophical and medical studies in that institution, graduating in July, 1852. He remained in Berne for a short time and then immigrated to New York, where he remained four years; he then removed to Stillwater, Minn., in 1856, where he stayed until the breaking out of the rebellion. He is a member of the Minn. State med. soc. At various times he has contributed articles and papers on a number of professional subjects to the reports of the Minn. State board of health, and to the Minn. State med. soc.; also to the medical and surgical history of the rebellion, and specimens to the army medical museum at Washington, D. C. During the entire war and until 1867, he held the position of acting ass't surg. U. S. army, at Fort Ridgely, Minn., and was the only medical officer in charge of the hospital at that place, during the Indian outbreak in 1862, treating a very large number of soldiers, besides men, women and children, who had been wounded by the hostile Indians; also, first ass't surg. for Minn. vol. infantry, and surg. to the Minn. mounted rangers, but did not muster-in, retaining his position at Fort Ridgely. He married, Dec., 1852, Eliza Eichelberger, of Berne, who died in Sept., 1876, and to whose memory, for nursing the sick and wounded soldiers and refugees during the Indian outbreak above referred to, and for other heroic and noble deeds, the legislature of Minnesota by an act passed in March, 1877, resolved to erect a tablet on her grave, inscribed "The State of Minnesota to the Memory of Mrs. Eliza Müller."

MCINTIRE, WILLIAM, Millville, O., grandson of John McIntire—a Scotch immigrant to this country about the middle of the last century, and a soldier of the revolutionary war—and son of William and Martha (Downs) McIntire, was born in McConnelsburg, Bedford co., Pa., Oct. 10th, 1824. Having received an ordinary English education, he was for five years an office student in medicine; entered the Starling med. coll., and was graduated thence M. D. in 1849. In April, 1850, he established himself in Millville, Delaware co., O. He is a member of the Delaware co. med. asso., vice-president in 1873 and in 1875; of the Central Ohio med. asso., Columbus, O.; of the Delaware co. patholog. soc.; and of the Ohio State med. soc. His professional publications have been limited to occasional contributions to periodicals. He married, Aug. 22d, 1850, Eliza, daughter of Wm. Perry, Esq., of Chautauque, Allegany co., N. Y.

ASHMEAD, WILLIAM, Germantown, Pa., was born in Germantown, July 2d, 1801, of ancestry who came from England in 1682, and settled in Germantown in 1711. He was educated at the Germantown acad., studied medicine with Dr. Joseph Parrish, of Philadelphia, and graduated from the med. dep't of the univ. of Pa., after three years study, in 1826. He settled in Philadelphia in 1832, and remained in practice there till 1854, when he removed to Germantown and again took up his residence in the old family homestead. He also spent two years in the old almshouse hosp. in Philadelphia, and was for five years one of the surgeons in the Philadelphia hosp. (Blockley.) He was also over two years in Paris as an extern in the Hotel Dieu, under Baron Dupuytren. He has in an extended practice of many years performed a number of very important operations, and treated many serious cases, successfully. He is a member of the old Philadelphia med. sec.; has been a member of the Philadelphia co. med. soc. since its formation; of the coll. of phys., elected in 1833; of the med. soc. of the State of Pa., from its origin; of the Am. med. asso., elected in 1847. His contributions to medical literature have been occasional papers to the publications of the college of physicians. He has held the position of one of the surgeons of Blockley hospital, the Magdelen Asylum, and Philadelphia

dispensary; also med. examiner for the fire association of Philadelphia. In 1840 he married N. M. Lisle, daughter of John Lisle, Esq., of Philadelphia.

SHRADER, JOHN CLINTON, Iowa City, Ia., was born in Washington co., O., of mixed Scotch, Irish and German ancestry, April 24th, 1830. He was educated at Marietta acad., Marietta, O., and studied medicine at the coll. of phys. and surg. at Keokuk, Ia., and at Long Island coll. hosp., graduating in 1865 from the former, and in 1870 from the latter, and settling at Western, Linn co., Ia., and afterwards at Iowa City. His specialty is diseases of women, but pursues a general practice. He is a member of the Johnson co. med. asso.; of the Poweshiek, of the Ia. and Ill. district med., the eastern Ia. district med., and the Ia. State med. socs., and a member of the Am. med. asso. He has held the position of phys. to the board of health of Iowa City for two years, and is prof. of obstet. and diseases of women in the med. dep't, Ia. State univ., and phys. to Mercy hosp., Iowa City. During the war he was captain of company H, 22d reg., Iowa infantry vols., and held the position from Sept., 1862, to June, 1864. He was afterwards promoted to be surg. of that reg., and remained so till the close of the war, and during the campaign in the Shenandoah valley under Gen. Sheridan was one of the operating board of surgeons. He is also a prominent member of various beneficial and charitable societies, among them the Knights of Pythias, Masonic fraternity, and Knights Templar. He married, Jan., 1852, Lydia P. Evans. She died in Dec., 1871. In Sept., 1872, he married Margaret A., daughter of Mrs. Isabel Carter, of Iowa City. He received the hon. degree of A. M. at Western coll., June 20th, 1877.

LYNCH, JOHN S., Baltimore, Md., descended from members of the colony founded by Lord Baltimore in 1634, son of Thomas and Elizabeth (Coad) Lynch, was born in St. Mary's co., Md., Nov. 24th, 1828. Educated at the Camden (Ala.) acad., and in the med. dep't of the univ. of Md., he received from the latter institution his degree of M. D. in March, 1853; began practice in Leonardtown, Md., in the same year; removed to Baltimore in 1854; to Clifton, Ala., in 1858, and in 1872 returned to Baltimore. He is a member of the Baltimore med. and surg. soc., president in 1876; of the acad. of medicine, pathолog. soc., and clinical soc. of Baltimore; of the med. and chirurg. faculty of Md.; chairman of section on practice of med.; corres. member of the Ala. State med. asso., and member of the Am. med. asso. Of his professional publications may be mentioned: "Physiological Relations of the White and Red Blood Corpuscles," *Richmond and Louisville Medical Journal*, Oct., 1873; "Etiology and Treatment of Eclampsia," *Baltimore Physician and Surgeon*, July, 1874; "Observations on the Etiology of Typhoid Fever," *ibid.*, May, 1875; "The Germ Theory of Disease," *ibid.*, Sept., 1875; "Hemorrhagic Malarial Fever," *ibid.*, Feb., 1876, and "Veratrum Viride," Transactions med. and chirug. fac. of Md., 1877. In 1857–58 he was a member of the Md. house of delegates, and in 1870–71 was justice of the peace for Wilcox co., Ala. During the late war he served for one year as a line officer in the Confederate States army. In 1872 he was one of the founders of the Baltimore coll. of phys. and surg.; was for one year prof. of anat. in that institution, and has been since 1873 prof. of the principles and practice of medicine. He married, Dec. 8th, 1857, Maria Louisa, daughter of Vincent Sutton, Esq., of Baltimore.

VAN BIBBER, WASHINGTON CHEW, Baltimore, Md., a descendant of Captain Isaac Van Bibber, who, coming to America in command of a vessel belonging to Lord Baltimore's fleet, settled in Cecil co., and son of Washington and Lucretia (Emory) Van Bibber, was born in Carroll co., Md., July 24th, 1824. Having graduated A. B. from Jefferson coll., Cannonsburg, Pa., he entered the med. dep't of the univ. of Md., being at the same time an office student under Prof. N. R. Smith, of that institution, and in 1845 was graduated thence M. D. In the same year he entered upon the practice of his profession in Claiborne co., Miss.; thence removed to New Orleans; left New Orleans in charge of a party of invalids, during the yellow fever epidemic of 1845, and since 1846 has been established in Baltimore. He is a member of the Baltimore pathолog. soc., one of the founders in 1852, and secretary from that date until 1867; a member of the med. and chirurg. faculty of Md. since 1847; a member of the Am. med. asso. since its foundation; a member of the American public health association, etc. He was for a number of years one of the phys. to the Baltimore almshouse; has been for thirty-one years attending phys. to the Christ church orphan asylum; for sixteen years attending phys. to the home of the friendless, and has been engaged in a large general practice. In April, 1874, he sustained a compound dislocation of the right ankle-joint and

fracture of the fibula, and since that date his professional labors have of necessity been considerably restricted. Of his published papers may be mentioned several amongst the Transactions of the Baltimore patholog. soc., *Virginia Medical Journal*, 1858–59; several in *American Journal of Medical Sciences*, *The Sanitarian*, 1875, Transactions of the med. chirurg. faculty of Md., 1855, 1875–76–77, etc. Besides furnishing the foregoing, and other contributions to professional periodicals, he was from 1856 to 1859 an associate editor of the *Virginia Medical Journal*, and from 1859 to 1861 was an associate editor of the *Maryland and Virginia Medical Journal*. He married, Feb. 12th, 1848, Josephine, daughter of the late Peter Chatard, of Baltimore.

JOHNSON, JOSEPH TABER, Washington, D. C., son of Rev. L. D. Johnson, was born in Lowell, Mass., June 30th, 1846. He was educated at the Rochester acad., Rochester, Mass., and also at Columbian coll., Washington, receiving the degree of A. M. from the latter in 1869. He studied medicine in the Georgetown med. coll., and graduated M. D. from that institution in 1865; also from Bellevue hosp. med. coll. in 1867. He settled in Washington, commencing the practice of medicine there in 1867, making a specialty of obstetrical cases. In 1870 he visited Europe, and took the degree in obstetric operations in the univ. of Vienna. Among the notable cases which he has had was that of Senator Sumner, whom he attended two years in consultation with Dr. Brown-Sequard, whose remains he accompanied to Boston at the invitation of the committee of the U. S. senate which had in charge the funeral arrangements and which also accompanied the remains in special trains. He is a member of the Mass. State med. soc.; of the Am. med. asso.; of the med. soc. of the D. of C.; of the med. asso. of the same; of the alumni soc. of the Bellevue hosp. med. coll., and member of its council; president of the alumni of the med. dep't of the univ. of Georgetown, and member of the Am. gynæcolog. soc. His contributions to professional literature consist of an address descriptive of a tour through European colleges and hospitals before the Washington academy of medicine; descriptive of Senator Sumner's case of angina pectoris, on some apparent peculiarities of parturition in the negro race, with remarks on rare pelves in general (being a comparison between 2,000 white and 2,000 colored labor cases); "Diet of Puerperal Women," Transactions of the med. soc. of the D. of C.; essays on "Craniotomy;" "Amputation of Cervix Uteri;" "Carinoma Uteri," etc. In 1868 he held the position of prof. of obstetrics and diseases of women and children at Howard univ., which he resigned in 1872; in 1869 obstetrical phys. to Freedman's hosp., which he held for three years; in that year and in 1870 phys. to the colored orphan house; in 1871 was elected one of the phys. to the St. John's sisterhood, hosp. for children. In 1874 he was elected lecturer on obstet. in the med. dep't of the univ. of Georgetown, and in 1876 full prof. of the same in the same institution. He is also attending phys. of women's Christian asso., and of the free dispensary for women, Washington; and med. examiner for various insurance companies. In May, 1873, he married Edith Maud, daughter of Prof. W. F. Bascom, formerly of Middlebury coll., Vt., but now of Howard univ., Washington.

ROCHESTER, THOMAS FORTESCUE, Buffalo, N. Y., descended from colonial English settlers of Virginia, a grandson of Col. Nathaniel Rochester, of Westmoreland co., Va., and eldest son of T. H. and P. E. Rochester, was born at Rochester, N. Y., Oct. 8th, 1823. Graduating A. M. from Geneva coll. in 1845, and M. D. from the univ. of Pa. in 1848, he was ass't phys. to Bellevue hosp. in 1848–49; continued his professional studies in Europe in 1850–51; practised in New York from June, 1851, to June, 1853, and in the latter year established himself in Buffalo, to take the chair of the principles and practice of medicine, and of clinical medicine in the univ. of Buffalo; since 1861 consulting phys. to the Buffalo general hosp., and since 1853 attending phys. to the Sisters of charity hosp. He is a member of the New York pathological soc. (elected in 1848); of the Erie co. med. soc., president in 1864; of the Buffalo med. asso., president in 1860; of the N. Y. State med. soc., president in 1875–76, and delegate thence to the International med. congress at Philadelphia in 1876, and of the Am. med. asso. Of his professional publications may be mentioned, "Winter Climate of Malaga;" "History of Medical Societies of Buffalo;" "The Army Surgeon;" "The Modern Hygeia;" "Medical Men and Medical Matters of 1776," and many monographs on various professional subjects. He married, May 6th, 1852, Margaret Munro, daughter of the Rt. Rev. W. H. De Lancey, D.D., D.C.L., Oxon., first bishop of the diocese of western N. Y.

GRIER, MATTHEW J., of Philadelphia, Pa., was born in Philadelphia, March 8th, 1838, of Scotch-Irish ancestry. He

studied medicine in the univ. of Pa., and graduated M. D. from that institution in March, 1863. He established himself in practice in Philadelphia. He is a member of the coll. of phys., and of the patholog. soc. of Philadelphia, and has at various times contributed articles on "Electro-Therapeutics" to Stillé's "Materia Medica." He was res. phys. in Satterlee hosp. during the civil war. In Feb., 1872, he married Ella, daughter of W. S. Reyburn, Esq., of Philadelphia.

ROBERTS, JOHN BINGHAM, Philadelphia, was born in that city, Feb. 29th, 1852. He was educated in the univ. of Pa., dep't of arts, from which he graduated A. B. in 1871, and A. M. in 1874; and studied medicine in the Jefferson med. coll., graduating M. D. in March, 1874, and settling in Philadelphia. He is a member of the Philadelphia co. med. soc., and of the patholog. soc. of Philadelphia, and has contributed at various times articles on professional subjects to the *American Journal of Medical Sciences*, the *New York Medical Journal*, and others. He held the position of res. phys. and surg. of Pa. hosp. to April, 1877, and is now phys. to Jefferson med. coll. hosp., elected in March, 1877, and ass't surg. to the eye and ear dep't of Children's hospital.

BUTTLES, MARVIN STEPHEN, New York city, was born in Otis, Berkshire co., Mass., Aug. 8th, 1833; is of American parentage; graduated from the med. dep't of the univ. of the city of New York in 1864; and settled permanently in that city. His specialty is diseases of women. He is the inventor of many surgical instruments, among which may be mentioned the uterine scarificator, described in the *New York Medical Independent*, 1864, and also in Thomas's "Diseases of Women," 1868, p. 228; a new inhaler for the treatment of the air passages, noticed in the *Medical Record*, vol. i., p. 44, and also in the *Medical Journal* for July, 1865; a conical pessary, *Medical Record*, vol. ii., p. 428; a dilating syringe for the treatment of gonorrhœa, *ibid.*, vol. ii., p. 575; an intra-uterine syringe; a self-retaining speculum; a double-end cylindrical speculum; a universal uterine forceps with inclined plane, etc. Has recently invented an atomizer for office use, which is used for forcing the air through the tube by the pressure of Croton water displacing it from a chamber or tank; also an elastic bandage for swelled testicles, obviating the necessity of strapping. In 1871, for the first time, as he claims, applied the actual cautery to the cavity of the uterus for the cure of submucous fibroma, and has since applied it repeatedly, and always with success. He claims, as intimated above, to be the originator of this operation. He is a member of the county med. soc. of New York; also of the East River med. asso. of the city of New York, of which he was vice-president in 1867 and is now president. From 1864 to 1868 he was visiting phys. to the eastern dispensary of New York; from 1864 to 1873 ass't to the prof. of obstetrics in the med. dep't of the univ. of the city of New York, as he was chief of the uterine clinic from 1865 to 1873, and lecturer on diseases of women from 1869 to 1873; surg. 71st reg. N. G., N. Y., from 1865 to 1872; district phys. to the New York lying-in asylum; and founder and phys.-in-chief of the Olivet female infirmary at New York; at present med. officer of the fire department, city of New York. He married, Nov. 13th, 1869, the only daughter of the Hon. Anthony Dugro.

STUART, ABSALOM BOYLES, Winona, Minn., now of Santa Barbara, Cal., son of John Wesley and Mary Ann (Boyles) Stuart—the former of Scotch-Irish, the latter of German descent—was born at Williamsburg, Pa., Aug. 27th, 1830. Educated at the Lewisburg univ., Berkshire med. coll., and Bellevue hosp. med. coll., he was graduated M. D. from Berkshire in Nov., 1856, and from Bellevue ten years later—March, 1866. Upon first receiving his degree in medicine, he began practice in West Hampton, Mass.; removed thence in 1858 to Macomb, Ill., and since 1866 has been established in Winona. While engaged in a general practice, he has given especial attention to surgery, and among his more notable cases have been: successful operation for artificial anus; two operations for relief of membranous croup—one successful. He is a member of the Winona co. med. soc., president in 1872; of the Minn. State med. soc., first vice-president in 1874 and in 1876; of the Mass. State med. soc.; and of the Am. med. asso., secretary, in 1873, of the section on State medicine and public hygiene. He was mainly instrumental in procuring the founding (in 1872) of the Minn. State board of health; was a member of that organization and the first president elected, March, 1872. In 1872 he was elected teacher of surgery in the Winona preparatory medical school, and president in 1873; and in 1876 was a delegate to the International medical congress at Philadelphia. His more important professional publications are: "Annual Report Minnesota State Board of Health for 1873," and "Report of a Case of Supposed Separation of the Upper Epiphysis of the Radius," Transactions

Minn. State med. soc., 1876. In Aug., 1861, he was commissioned ass't surg. 10th Mo. reg. infantry; was appointed sup't, on behalf of the U. S., of the hospitals established at Iuka, Miss., by a cartel between Gen. Rosecrans and Gen. Price; was promoted to be surg., in April, 1863, and assigned to the 1st Ala. U. S. (white) reg. cavalry; and in Jan., 1864, resigned from the army. His health requiring a milder climate, his future address will be Santa Barbara, Cal. He married, Sept. 17th, 1859, Anabel, daughter of Hugh F. McGaughey, Esq., of Doddsville, Ill., a physician, educated at the woman's medical college of Pennsylvania, Philadelphia.

WEIR, ROBERT FULTON, of New York, was born in that city, Feb. 16th, 1838, and was the son of James and Mary Anne (Shapter) Weir. He was educated at the New York free academy (now the college of the city of New York), and received the degree of A. B. in 1854, and A. M. in 1857. His medical education was pursued at the coll. of phys. and surg., New York, from which he graduated in 1859, and of which he was also prize medalist the same year. He settled in New York city, turning his attention especially to surgery and to genito-urinary diseases. He is a member of the New York co. med. soc.; of the New York pathолog. soc., of which he was vice-president in 1876; of the New York med. and surg. soc., acting as secretary of this for the same year; was president of the laryngological soc. of that city in 1875; and is at present vice-president of the New York Medical Journal asso. He has contributed largely to medical literature, among these contributions being a prize essay on "Hernia Cerebri," *New York Journal of Medicine*, 1859; on "Normal Constriction of the Urethra Relative to Stricture," 1876; on "Congenital Curvature of the Penis," 1874, these two appearing in the same journal; an essay on "Ichthyosi of Tongue and Vulva," 1875; on "Hypertrophy of Prostate," 1876, American Clinical Lectures, vol. ii., No. 8; on "Elephantiasis of Penis from Stricture," 1874, Archives of Dermatology, vol. i., No. 1; on "A Rare Form of Cancer of Penis," 1876, *American Journal of Medical Sciences;* etc. From 1868 to 1875 he was aural surg. of the New York eye and ear infirmary; from 1866 to 1870 phys. to the nursery and child's hosp., New York; surg. to St. Luke's hosp., from 1865 to 1875; surg. to Roosevelt hosp. in 1871, to the New York hosp. in 1876; prof. of surgery in woman's med. coll. from 1868 to 1870, and lecturer at the coll. of phys. and surg. on genito-urinary diseases in 1874. During the war he held the position of ass't surg., 12th reg. N. Y. State militia (April to Aug., 1861); ass't surg. of U. S. army, from Aug., 1861, to March, 1865; and was in charge of the U. S. army general hosp., Frederick, Md., from 1862 to 1865. He married, Oct. 8th, 1863, Maria Washington, daughter of Robert G. McPherson, Esq., of Virginia. She is a lineal descendant of Samuel Washington, eldest brother of President George Washington.

HAGNER, DANIEL R., Washington, D. C., son of Peter Hagner, Esq., for nearly fifty years third auditor of the U. S. treasury dep't, was born in Washington, July 19th, 1830. Educated at St. James coll., in the med. dep't of Columbia coll., and in the med. dep't of the univ. of Pa., he was graduated M. D. from the latter institution in 1851, and in the same year established himself in practice—making a specialty of diseases of the chest—in Washington. He is a member of the D. of C. med. soc., and has served as secretary, vice-president, and as a member of the board of examiners of that organization. His most important published work is an essay upon "Vaccination and Re-Vaccination," printed by order of the D. of C. med. soc., Feb., 1864. For ten years he was attending phys., and is at present (1877) a member of the advisory and consulting board to the Providence hosp., Washington; attending phys., and at present a member of the advisory and consulting board to the St. Ann's infant asylum; and in 1867–68 was a member of the Washington board of health.

MASON, ERSKINE, New York, was born in New York city in 1837; graduated at Columbia coll. in 1857, receiving the degree of A. M. in 1860; and in the latter year graduated at the coll. of phys. and surg. of New York, in which city he has since pursued his profession. He is a member of the pathолog. soc., of which he was president in 1873; of the New York co. med. soc.; and of the Am. med. asso. Among his numerous contributions to medical literature perhaps the chief are the following papers: "On the Operation of Strangulated Hernia Without Opening the Sac," *Medical Record*, Aug. 1st, 1868; "Strangulated Hernia reduced *en Masse*," *New York Medical Times*, Aug., 1870; "On Rupture of the Urinary Bladder," *ibid.*, Aug., 1872; "Venereal Stricture of the Rectum," *American Journal of the Medical Sciences*, Jan., 1873; "On Lumbar Colotomy," *ibid.*, Oct., 1873; "On the Operation of Laparotomy, with a Case;" "Perityphlitis," *Medical Record*, June 10th, 1876; "On Amputation at the Hip-Joint, with two

successful Cases." He has been ass't demonstrator and also demonstrator of anat. in the coll. of phys. and surg.; ass't surg. to the New York eye and ear infirmary; surg. to the Charity hosp.; adjunct prof. of surgery; prof. of clinical surgery in the med. dep't of the univ. of New York, a chair he resigned in June, 1876; surg. to the Bellevue hosp., the Roosevelt hosp., and the Colored home; and consulting surg. to the St. Mary's free hosp. for children.

RILEY, JOHN CAMPBELL, Washington, D. C., was born in Georgetown, D. C., Dec. 16th, 1828. He was educated at Georgetown coll. and received the degree of A. B. and A. M. from that institution in 1848 and 1851. His medical studies were pursued in the National med. coll., Washington, whence he graduated M. D. in 1851, settling immediately after in that city in general practice. He is a member of the med. soc., and of the med. asso. of the D. of C.; of the Am. med. asso., and of the philosophical soc. of Washington. He is the author of a "Compend of Materia Medica and Therapeutics" (text-book for students), published in 1869. He has held the position of prof. of mat. med. and therap. in the National med. coll. of Columbia univ., Washington, since 1859. He was a member of the board of health of Washington for two years, and president one year. For a few months he was on duty as acting assistant surgeon in the hospital in Washington. He is secretary to the National convention to revise the pharmacopœia; one of the consulting physicians of Providence hosp., and of the central dispensary, Washington, D. C.

PARDEE, CHARLES INSLEE, New York, is descended from one of the original settlers of New Haven, Conn., George Pardee, who came to that place in 1644, and whose eldest son Joseph was married in 1688 to Elizabeth, daughter of the first Thomas Yale. Their descendants for the next five generations mostly lived in New Haven and Sharon. Charles I. Pardee was born, April 13th, 1838, in Seneca co., N. Y. He was educated at the academy, East Bloomfield, N. Y., and at the univ. of the city of New York, from the med. dep't of which he received the degree of M. D. in March, 1860. He settled in New York city, devoting himself, except while in the army, to general practice until 1866, and since that date to the practice of ophthalmology and otology. He is a member of the Am. ophthalm. soc.; of the Am. otolog. soc.; of the New York ophthalm. soc., and of the New York acad. of med. His contributions to professional literature consist of a series of papers on "Diseases of the Eye and Ear," published in 1869; and the "Dangers attending the Use of the Nasal Douche," and "The Nasal Douche" in 1870; on "Chronic Purulent Aural Catarrh" in 1871; and on "Observations in the Use of Steam in Diseases of the Middle Ear," etc., etc. He was attending phys. of the Northern dispensary of New York, from 1866 to 1869; ass't surg. in the Manhattan eye and ear hosp., New York, from 1869 to 1874, and surg. and director in the same institution since that year; lecturer on diseases of the eye and ear, from 1871 to 1874; prof. of otology since 1874; and dean of the faculty since 1873 in the med. dep't of the univ. of the city of New York, also secretary of the alumni of that college from 1870 to 1875, and their president since that date.

ROBERTS, STEPHEN M., New York, was born at Manchester, Vt., Aug. 7th, 1844. Educated at the univ. of Vt., he graduated A. B. from that institution in 1863, M. D. in 1866, and after a two years course at the New York coll. of phys. and surg., established himself in practice in New York. During 1867–68–69 he served as interne at the Charity hosp., Infants' hosp., and Nursery hosp. on Randall's island. In 1871 he was appointed clinical prof. of diseases of children to the Women's med. coll. of New York, and in 1875 to the same position in the univ. of Vt. Both of these professorships he continues (1877) to hold. He is a member of the New York co. med. soc., and of the Medical Journal asso. He married, in 1872, Mary E. Shears, daughter of Frederick Shears, Esq., of New York.

GROSS, FERDINAND HERMAN, Philadelphia, son of Dr. Herman Gross, of Pittsburgh, was born in Gudensberg, Germany, Aug. 18th, 1831, and was brought to this country by his family two years later. He received a collegiate education at the Western univ., Pittsburgh, and at Washington coll., Pa., began the study of medicine under his father's tuition, and subsequently attended lectures at the Cleveland med. coll., 1852–53; the univ. of the city of New York, 1853–54; and the Jefferson med. coll., Philadelphia, 1854–55. Graduating M. D. from the latter institution in March, 1855, he joined his father in Pittsburgh, and with the exception of a few months, which he passed in Europe in 1860, remained there till the breaking out of the rebellion. He is a member of the patholog. soc. of Philadelphia; of the northern med. asso. of Philadelphia, and of the Philadelphia

co. med. soc.; also of the alumni asso. of the Jefferson med. coll. In 1861 he entered the army and was assigned to the staff of Gen. James S. Negley. At the close of the three months service he was made surg. of the 100th reg. Pa. vols., and afterwards of the 79th reg. Pa. vols. Again assigned to the staff of Gen. Negley, he remained with him during his western campaign till March, 1863, acting as brigade surgeon, and then surgeon-in-chief to the 8th division of the army of the Cumberland. In March, 1863, he was medical director of the 18th army corps under Gen. Geo. H. Thomas. He served during all the campaign and was present in nearly all the battles of the army of the Cumberland up to the spring of 1864. He was wounded at Chickamauga, and then was placed in charge of the hosps. at Camp Parole, was also made med. director of the Annapolis and Annapolis Junction hosps., and afterwards of the U. S. general hosp. at Readville, near Boston, containing one thousand beds. After being here a year he was honorably discharged the service and promoted to the rank of lieut.-col. by brevet, for faithful and meritorious services during the war. He visited Europe again in 1866, and remained there one year, during which time he visited nearly all the large hospitals in England and the continent. He is one of the visiting surgeons of the German hosp., president of its medical board and one of its board of managers. In Feb., 1866, he married Henrietta D., daughter of the late Isaac Williams, of Boston, Mass.

WHITE, WILLIAM THOMAS, New York, was born in Richmond, Me., July 7th, 1829. He obtained his medical education in the med. school of Maine, and at the New York med. coll., graduating from the latter in 1855, and served as interne in the hosps. on Ward's and Blackwell's island, N. Y., during that year and 1856. He passed three and a half years in Panama, U. S. of Colombia, and five years at Aspinwall, U. S. of Colombia, as surg.-in-chief of the Panama railroad. In 1865 he settled in New York. He is a member of the New York acad. of med., was its recording secretary from 1870 to 1877, and vice-president now; a member of the Am. med. asso.; and of the New York Medical Journal asso.; of the New York co. med. and the New York medico-historical socs., and president of the latter since 1872. He has held the position of attending surg. to Demilt dispensary since Feb., 1866, and visiting phys. to Charity hosp., and visiting surg. to the Presbyterian hosp. since Jan., 1876. In May, 1860, he married Eveline J., daughter of Jeremiah Springer, Esq., of Litchfield, Me.

WYETH, JOHN ALLAN, of New York, was born, May 26th, 1845, in Marshall co., Ala. He is a son of Judge Louis Wyeth, of Ala., and a grandson of John Wyeth, formerly a publisher of Philadelphia. He received his early education in Lagrange military acad. in Alabama, and his professional education at the univ. of Louisville, med. dep't, and also at the Bellevue hosp. med. coll., New York city. From the former he graduated in March, 1869, and from the latter he received the degree *ad eundem* in March, 1872. He removed to New York in 1872 from Guntersville, Ala., where he had first settled. He is the author of a "Hand-Book of Medical and Surgical Reference," published in New York in 1863, and also of a "Chapter in Minor Surgery," New York, 1875. He is a member of the New York med. and patholog. socs., and ass't to the chair of anat.; ass't demonstrator, instructor in anat., physiol., mat. med., and chemistry in Bellevue hosp. med. coll. Besides the works above mentioned, he is the author of various essays, one being Prof. James R. Wood's one hundred dollars prize essay "On the Surgical Anatomy of the Tibio-Tarsal Articulation, with special regard to Amputations at the Ankle-Joint, as deduced from eighty consecutive dissections," published in the *American Journal of Medical Sciences*, April, 1876; another being "The Surgical Anatomy and History of the great Vessels of the Neck." The *Anatomy* based upon one hundred and twenty-one consecutive dissections of the carotid arteries, and fifty-two dissections of the subclavian arteries and their branches. The *History* based upon a statistic of about fifteen hundred cases of deligation of these vessels. Also the surgical anatomy of the arteria obturatoria, with special reference to femoral hernia, as deduced from sixty-one consecutive dissections of the pelvis in man, etc. During the war of the rebellion he served as a private soldier in the 4th Alabama cavalry, Confederate States army.

BROWN, WELCOME OWEN, Providence, R. I., was born at Barton, Vt., of American parentage. His early education was obtained at public schools, academies and Friends' institution, and his medical studies were pursued in the med. dep't of the univ. of Pa., whence he graduated M. D. in 1852. He commenced practice in Pawtucket, but after a year removed to Providence. He is a member of the R. I. med. soc., was its secretary and is one of its censors; is a member of the Providence med. asso., was its president in 1861–62, and is a member of the Am. med. asso. He has contributed several papers

on professional subjects to various medical journals, and is the author of several read before the Rhode Island med. soc. For twelve years he was phys. to the Providence dispensary. He is a member of the Rhode Island historical soc., and has been president of the Providence Franklin soc. since 1869; is a member of the committee on public schools of the city of Providence.

CLAIBORNE, JOHN HERBERT, Petersburg, Va., son of Rev. John G. and Mary (Weldon) Claiborne, was born in Brunswick co., Va., March 16th, 1828. Educated in the univ. of Va. and in Jefferson med. coll., with supplementary course in Philadelphia hosp., he was graduated M. D. from the univ. of Va. in 1849, from Jefferson in 1850, and since 1851 has been established at Petersburg. For several years he has made a specialty of diseases of women and children. He is a member of the Va. State med. soc., vice-president in 1877; of the Confederate States army and navy med. asso., vice-president in 1876; corres. member of the Boston gynæcolog. soc.; member of the Am. med. asso., etc. Of his professional publications may be mentioned "Clinical Reports from Private Practice," 1 vol., pp. 424, 1873; and essays on "Dysmenorrhœa," and "Diphtheria," published by the med. soc. of Va. In 1857 he was elected senator from the second Virginia district. During the late war he served as surg. in the Confederate States army. Since 1870 he has been president of the Blue Ridge Springs company of Virginia. He married, May 3d, 1853, Sarah J., daughter of Joseph J. Alston, Esq., of Tenn.

FORT, JOSEPH M., Paris, Texas, was born in Madison co., Tenn., Jan. 11th, 1828. He was educated at Spring Hill high school, Lafayette co., Ark., and studied medicine at the Jefferson med. coll., Philadelphia, whence he graduated in March, 1851, commencing practice immediately after in the northeastern counties of Texas. He is a member of the Lamar co. (Texas) med. asso.; of the State med. asso; of the alumni med. asso. of the Jefferson med. coll., and of the Am. med. asso. In Nov., 1849, he married J. A., daughter of John D. Fort, Esq., of Montgomery co., Tenn.

CUYKENDALL, M. C., Bucyrus, O., of Dutch descent, was born in Owasco, Cayuga co, N. Y., Nov. 21st, 1829. Having received an academical education, he entered the Cleveland med. coll. and was graduated thence M. D. in March, 1853. After practising successively at Ganges and Plymouth—both in Richland co., O.—he established himself in 1857 at Bucyrus, engaging in a general practice which of late years has been restricted to surgery and gynæcology. Of his more important services to the profession may be mentioned his original method of completing reduction in a case of ancient dislocation of the humerus, subclavicular, reference to which will be found in Hamilton's "Fractures and Dislocations." His professional publications have been restricted to reports of cases. In Oct., 1861, he was commissioned surg. to the 3d reg. Ohio cavalry; was promoted to be surg. of brigade in May, 1862, and in Oct., 1862, to be surg. of division. In Nov., 1864, he resigned his commission. While in the army he served with regiment in the army of the Ohio; on the staff of Brig.-General Crook in the army of the Cumberland, and on the staff of General Garrard (brigadier), army of the Tennessee. Since Aug., 1875, he has been prof. of gynæcology in Columbus med. coll. He married, Jan. 29th, 1854, Lucy, daughter of Resolved White, Esq., of Crawford co., O.

MCLEAN, LE ROY, Troy, N. Y., was born at Jackson, Feb. 12th, 1831, of Scotch descent on his father's side. He was educated at the Washington acad., Salem, N. Y., and at the Union village acad., Greenwich, N. Y. He graduated at the Albany med. coll., where he pursued the study of medicine, in 1855. From that year until 1861 he was resident med. superintendent of Marshall's infirmary, Troy, and in 1864 commenced the practice of medicine in that city, but turning his attention almost exclusively to surgery. In the performance of his professional duties he has performed with success in all of the major operations. He spent one year, from July, 1866, to April, 1867, in Europe. He is a member of the Rensselaer co. med. soc.; of the N. Y. State med. soc., and of the Am. med. asso. In 1861 he was made ass't surg. of the 2d N. Y. vols., and subsequently surg. of the same, and held the latter position till 1863. In 1864 he served as vol. surg. in the army of the Potomac, and in 1867 he was appointed surg. of 3d division, National Guard, N. Y., with the rank of colonel. He is now attending surg. to the Troy hosp., a position to which he was appointed in 1869.

THOMAS, JAMES CAREY, Baltimore, Md., son of Dr. Richard H. Thomas, prof. of obstet. in the univ. of Md., was born in Baltimore, July 13th, 1833. Educated at Haverford coll., Pa., and in the med. dep't of the univ. of Md., he was graduated M. D.

from the latter institution in 1856, and in the same year established himself as a general practitioner in Baltimore. He is a member of the Baltimore clinical soc., president in 1876–77; of the Baltimore acad. of medicine, vice-president for 1877–78, and of the med. and chirurg. faculty of Md., one of the vice-presidents in 1875–76. He is a minister of the religious society of Friends; a trustee of the Johns Hopkins univ., president in 1877; of the Young Men's Christian association of Baltimore. He married, Oct. 31st, 1855, Mary, daughter of John M. Whitall, of Philadelphia.

ADLER, JOHN M., Philadelphia, was born in Georgetown, D. C., Aug. 9th, 1828. His classical and literary education was obtained at Princeton coll., N. J., from which he graduated in 1847; and his medical studies were pursued at the National med. coll., Washington, D. C., where he graduated M. D. in 1851. He settled first in Davenport, Ia., but in 1865 he removed to Philadelphia. He is a member of the coll. of physicians, and of the county medical society of Philadelphia. During the war he was acting ass't surg. U. S. army in charge of general hosp. at Davenport, Ia. During the construction of the railroad from Aspinwall to Panama, from 1851 to 1855, he was surg. of the Panama railroad company. In 1857 he married the eldest daughter of the late David Gilbert, M. D., of Philadelphia.

PORTER, WILLIAM G., Jr., Philadelphia, was born in Philadelphia, April 25th, 1846. He was educated at the univ. of Pa., both in the academical and medical dep'ts, and graduated M. D. in the latter in March, 1868. He was for some time ass't resident phys. at the Philadelphia dispensary, and subsequently for fifteen months resident phys. in the Philadelphia hosp. He is a member of the patholog. soc., of the obstet. soc., of the county med. soc., for four years secretary of the first-named; also a member of the coll. of phys., and now holds the position of its secretary. He is surg. to the Presbyterian and Philadelphia hosps.

HORR, ASA, Dubuque, Ia., of English descent (name originally spelled Hoar), was born in Worthington, O., Sept. 2d, 1817. His professional education was received at the Cleveland med. coll., O., whence he was graduated M. D. in 1846. After practising in Baltimore, Fairfield co., O., he removed in 1847 to Dubuque. In the course of his practice he has performed lithotomy, ovariotomy and other capital operations, and has largely confined himself to surgery and gynæcology. In 1857 he was elected a member of the Am. med. asso.; in 1858 of the Ia. State med. soc.; in 1849 of the Dubuque co. med. sec., president of that body in 1856 and 1875; president of the Ia. institute of science and arts since 1869; of the St. Paul, Minn., acad. of natural sciences, and of the Wis. acad. of science and letters in 1871; of the Am. asso. for the advancement of science in 1872, and of the Am. public health asso. in 1875. For twenty years he was a meteorological observer of the first class to the Smithsonian institution. His professional publications have been limited to occasional reports of cases and surgical operations. During the late war he was examining surg. to the U. S. regular and volunteer recruiting service, and since 1875 has been examining surg. to the U. S. pension bureau. He married (1) at Baltimore, O., 1841, Eliza, daughter of Jonathan Sherman, Esq., of Worthington, O.; and (2) in 1868, Mrs. Emma F. Webber, of Pittstown, Me.

GENTSCH, GEORGE THEODORE, Cleveland, O., of Swiss and German extraction, was born in New Philadelphia, O., Aug. 22d, 1850. He was educated at the univ. of Mich., from the chemical dep't of which he graduated, June 28th, 1871. He settled first at Canal Dover, O.; next at New Philadelphia, O.; and finally at Cleveland. He has made a specialty of poisons and general and medical chemistry. He is prof. of chemistry and toxicology in the med. dep't of the univ. of Wooster, Cleveland.

GEDDINGS, W. H., Aiken, S. C., was born in Charleston, S. C., April 23d, 1838. He is the son of Prof. E Geddings, of that city. He studied medicine in the med. coll. of the State of S. C., and in the univs. of Vienna, Berlin, Prague, and Paris, and graduated in March, 1861. He established himself in Charleston, but afterwards removed to New York, and finally, owing to the ill health of one of his family, settled in Aiken, in 1869. His specialty is climatology and pulmonary diseases. He is a member of the Am. med. asso.; of the med. asso. of S. C., and corres. member of the New York dermatological soc.; and has contributed various articles on the subjects of climate and dermatology, besides some reports on surgical cases to several medical journals. During the civil war he was chief medical purveyor of the army of Northern Virginia, of the Confederate States army. He married, July, 1866, Adél Getty, daughter of A. Getty, Esq., of Philadelphia.

TYLER, GRAFTON, Georgetown, D C., was born, Nov. 21st, 1811, on the family plantation in Prince George's co., Md. His paternal ancestors came from England in 1660. He was the second son of Grafton Tyler, Sr., and Ann H. (Plummer) Tyler, the elder son being Samuel Tyler, LL.D., now senior prof. in the law dep't of Columbia univ. in Washington. His uncle, John Tyler, was a fellow-student of Abernethy, in London, and attended the lectures of the distinguished men of that day in London and Edinburgh. William Tyler, a younger brother of John, studied medicine with him in Fredericktown, Md.—graduating at the univ. of Pa., and was a prominent physician for sixty-one years—several other members of the family have pursued successfully the medical profession. Dr. Tyler received his classical education under the Rev. James Carnochan, afterwards president of Princeton coll., N. J., and the Rev. James McVean, in Georgetown, D. C. He studied medicine with Dr. Richard Duckett, adjoining his father's estate, and with Prof. Samuel Baker, Sr., of Baltimore, graduating at the univ. of Md. in 1833. He commenced practice in his native place, but failing health caused him to move to Georgetown, in April, 1843, where he established himself in practice. In 1843 he was chosen by the Jesuit fathers physician to Georgetown college, an office he still holds. In 1846 he was elected prof. of pathol. and prac. of med. in the med. dep't of Columbia coll., now national med. coll. at the Columbia univ.; also prof. of clin. med., inaugurating in the Washington infirmary the medical clinic in the District of Columbia. He resigned these positions in 1859. He was commissioned one of the board of visitors of the government hosp. for the insane at its foundation in 1855, and after serving six years resigned. In 1855 he was elected vice-president of the Am. med. asso. He is a member of the med. soc. of the D. of C., president in 1872; also a member of the med. asso. of the D. of C.; also of the medico-chirurg. soc. of Md. He is one of the consulting phys. to Providence hosp., and has been president of the medical board since its organization in 1859; was one of the corporators, and is one of the consulting medical staff of the Children's hosp.; also of St. Ann's infant asylum. He was at one time president of the common council of Georgetown; also president of the board of health until the charter of the town was abrogated. His contributions to medical literature consist of "Obstetric Reports with Observations on Spontaneous Evolution," *Baltimore Medical and Surgical Journal*, 1841; "Medicine as a Science and an Art—its Philosophy, Influences, Purposes, and Results; its Past and Present Condition, and Future Prospects," address, 1852; and various public addresses. He has been through life a member of the Protestant Episcopal church. In Jan., 1836, he married Mary M., daughter of Walter Bowie, Esq., of Prince George's county, Maryland.

O'NEAL, JOHN WILLIAM C., Gettysburg, Adams co., Pa., was born in Fairfax co., Va., near Alexandria, April 21st, 1821, of Irish and American parentage. His classical and literary education was obtained at Pa. coll. and the primary schools connected therewith. His medical studies were pursued under the private tutorship of Dr. John Swope, of Taneytown, Md., and the teaching of the med. dep't of the univ. of Md., from which he received his degree of M. D. in 1844—together covering a period of four years. He settled in Hanover, York co., Pa., in the spring of 1844; moved to Baltimore, Md., in 1849, and finally established himself in Gettysburg, Pa., in 1863. He is a member of the Phrenakosmian soc. of Pa. coll.; member of the Adams co. med. soc., its president in 1875; of the Pennsylvania med. soc., and the Am. med. asso. He has contributed to the literature of the profession a pamphlet "On the Cholera of 1852, as it appeared in Baltimore;" "Medical and Surgical Experience upon the Battle-Fields of Antietam and Gettysburg;" "The Katalysine Spring-Water, and a Comparison of its Powers with the Water of Foreign Springs;" and other fugitive papers and reports He served as commissioner of public schools of Baltimore city during the years 1850–51–52, and was vaccine phys. for the 20th ward for the same period; and a delegate to the Md. State med. soc. from Pa., in 1877. He attended as med. and surg. adviser the house of industry for the county of Adams, Pa., from 1863 to 1871, inclusive, and resigned in favor of his son, Dr. Walter H. O'Neal, who fills the appointment. He married, in 1847, Ellen, third daughter of Henry Wirt, Esq., of Hanover, York co., Pa.

DELAFIELD, FRANCIS, New York, was born in that city, Aug. 3d, 1841. He is a graduate of Yale coll., and of the coll. of phys. and surg., New York, receiving his degree of M. D. from the latter institution in 1863. On commencing practice he established himself in New York, and was soon after appointed adjunct prof. of pathol. and prac. of med. at the coll. of physicians and surgeons in that city He is the author of a "Hand-Book of Post-Mortem Examination."

MILLS, CHARLES K., Philadelphia, Pa., was born at Falls of Schuylkill, Philadelphia co., Pa., Dec. 4th, 1845. He was educated at the Central high school, Philadelphia, and studied medicine in the med. dep't of the univ. of Pa., graduating M. D. from that institution in 1871, and settling in Philadelphia in general practice, but giving special attention to electro-therapeutics and diseases of the nervous system. He is the author of numerous hospital reports, published in the *Philadelphia Medical Times;* also of the following contributions to the *Medical and Surgical Reporter:* "Spectrum Analysis," July, 1872; "Physic and Physics," March, 1874; "Alkaloids of Cinchona," Jan., 1875; "Thoughts on Force and Disease," Feb., 1875; "Cases of Scirrhus Cancer of the Pylorus," Oct., 1875; "Local Spasm," Aug., 1876; "Lectures on Electro-Therapeutics," Dec., 1876, and March, 1877. To the *Philadelphia Medical Times* he has contributed articles on "Fluorescence, chiefly with reference to the Alkaloids of Cinchona," Jan., 1875; "Case of Chorea," March, 1875; "Failure of Bromine of Iron in the Same," Sept., 1875; "Oxalate of Cerium," Dec., 1875. He was prof. of physics in the Wagner institute, Philadelphia, from 1870 to 1873; lecturer on physics in the Franklin institute, 1872 and 1873, etc.; attending phys. and surg. to the northern dispensary, 1870 to 1873; phys. to the dep't of nervous diseases, St. Mary's hosp., 1873 to 1875; ass't phys. of Episcopal hosp., 1875 and 1876; chief of dispensary for nervous diseases in the hosp. of the univ. of Pa. since 1875; lecturer on electro-therapeutics and nervous diseases, Philadelphia school of anat. and surg., 1876; lecturer on electro-therapeutics in the univ. of Pa., 1877; examiner in the prac. of med. in the Jefferson asso., and on chemistry in the medical institute of Philadelphia. In Nov., 1873, he married Clara E., daughter of Charles Wilson Peale, Esq., of Philadelphia.

SHRADY, GEORGE FREDERICK, New York, was born, Jan. 14th, 1837. He comes from American parentage antedating the revolution, in which both of his grandfathers, who were natives of New York, took part. He received his literary education at New York coll. He graduated also at the coll. of phys. and surg. in New York in 1858, and from the surgical division of the New York hosp., where he was an interne in 1859, after which he settled in New York and commenced practice. In 1866 the *Medical Record* was founded and he became its editor-in-chief, which position he continues to hold. Yale college conferred on him the hon. degree of A. M. in 1869, for promoting the interests of medical literature. He is one of the surg. to the Presbyterian hosp., New York, appointed in April, 1877; is a member of the New York patholog. soc., and has been its secretary since 1859; member of the New York acad. of med.; and permanent member of the med. soc. of the State of N. Y., and of the med. soc. of the county of New York. He has contributed a number of articles on surgical subjects to the *New York Journal of Medicine*, and various editorial and miscellaneous articles to the *Medical Record*, and from 1860 to 1864 was associate editor of the *American Medical Times*. During the war he occupied the position of acting ass't surg. in the U. S. army. In Dec., 1860, he married Mary, daughter of John Lewis, Esq., of Kingston, Ulster co., N. Y.

BLUMENTHAL, MARK, New York, was born in Bavaria, Germany, July 11th, 1831. He attended a public school in Germany up to his seventh year, after which, having been brought to this country, he completed his education in the public schools and in the high school of Philadelphia, and graduated in March, 1852, at the coll. of phys. and surg. in New York, where he has practised since his graduation. He is a member of the New York acad. of med., in which he was chairman of the section on obstetrics, and a member of the committee on admissions; the New York patholog. soc.; the New York co. med. soc.; and the New York med. union, of which he has been president. His literary contributions consist of numerous original articles, and translations from the German and French. He has been inspector of public schools, and in 1852 and 1853 was deputy coroner. He was surg. to the 3d reg. N. G. of New York; attending phys., and later consulting phys., to the Northeastern dispensary, and phys. to Mount Sinai hosp., as also to the institution for the improved instruction of deaf mutes. For the last nine years he has been president of the New York articulating school for deaf mutes; and is president of the New York physicians' mutual aid association. He was married July 1st, 1863.

TAYLOR, MATTHEW ADDISON, Austin, Texas, of English-Irish descent, was born at Columbus, O., Nov. 12th, 1828. Educated at the Columbus high school, Miami univ., and Starling med. coll., he was graduated M. D. from the last-named institution in Feb., 1849, and in August following entered upon the practice of his profession at Logan, Hocking co., O. Compelled by the severity of the winters to seek a milder climate,

he removed, in Sept., 1852, to Texas, and since August, 1853, has been established in Austin. While engaged in a general practice, he has given especial attention to surgery—particularly to the surgical treatment of women and children. In 1855 he was one of the founders of the first med. asso. of the State of Texas—an organization that existed but two years. In 1855 he also assisted in founding the Travis co. med. soc.—now the largest county society in the State. In 1874 he was a delegate to the Am. med. asso., and in 1876 was a delegate to the International medical congress at Philadelphia. He was appointed, in Oct., 1859, and served during the ensuing two years, as a member of the board of trustees of the State mute asylum; was phys. to the State blind asylum from Jan., 1872, to Nov., 1874; was in 1873–74 president of the board of trustees of the State lunatic asylum; and was appointed in March, 1873, a member and administrator of the board charged with the duty of founding a State university—in the latter position assisting in the creation and organization of the Texas State commercial and agricultural college. He has twice married: in Dec., 1851, to a daughter of Peter B. Lowe, Esq., of Bound Brook, N. J.; she died Sept. 30th, 1857; and in April, 1859, a daughter of O. H. Millican, Esq., of Austin, Texas.

DOUGHERTY, ALEXANDER N., Newark, N. J., son of Alexander N. and Sarah (Conger) Dougherty, was born in Newark, Jan. 1st, 1822. Educated at Oberlin coll., Albany med. coll., and the New York coll. of phys. and surg., he received from the last-named institution his degree of M. D. in 1845, and in the same year established himself in Newark. He is a member of the Essex co. med. soc., of which he has been president; of the Essex med. union; of the New York patholog. and neurolog. socs.; and has repeatedly been a delegate to the conventions of the N. J. State med. soc., and the Am. med. asso. His professional publications have been confined to occasional clinical reports to medical periodicals. In 1866–68 he was postmaster of Newark. In 1861 he was commissioned a surg. in the U. S. vol. army; was made med. director of the 2d army corps, and subsequently of the right grand division (2d and 9th corps), army of the Potomac; was wounded in the battle of the Wilderness, and was mustered out of the service at the end of the war with the brevet rank of colonel, having previously, and while in the field, been brevetted lieut.-col. Since its foundation in 1866, he has been commandant of, and surg. to, the N. J. Home for disabled soldiers. In 1877 he was elected third vice-president of the N. J. med. soc., which in that year was in its one hundred and eleventh anniversary. He married, 1849, Henrietta, daughter of Nicholas Arrowsmith, Esq., of Peapack, Morris county.

DENISE, JACOB CONOVER, Omaha, Neb., of French (Huguenot) descent, was born in Montgomery co., Ohio, Dec. 3d, 1828. Educated at College Hill, O., in the Ohio med. coll., and in Jefferson med. coll., he was graduated from the last-named institution in 1855; in the same year established himself in Dayton, O., and since 1868 has been located at Omaha. While engaged in a general practice, he gives especial attention to the treatment of diseases of the eye and ear. In 1868 he was one of the founders, and from that date until 1871 was corres. secretary of the Neb. State med. soc. He is also an hon. member of the Montgomery co., O., med. soc., and a member of the society of the army of the Tennessee. From 1869 to 1872 he was receiver U. S. land-office, Grand Island, Neb.; has been surg. to U. S. pension bureau since 1874; phys. to Nebraska institute for the deaf and dumb since 1872; one of the physicians to the Good Samaritan hosp. since March, 1876; city phys. for Omaha, and county phys. for Douglas co. from 1868 to 1871. In Aug., 1861, he was commissioned ass't surg. of the 27th Ohio reg.; was promoted to be surg. of the same reg. in March, 1863; resigned his commission in Nov., 1864; was during the ensuing year acting ass't surg. U. S. army, and executive officer at Tripler hosp., Columbus, O.; and from Oct., 1865, to May, 1867, was surg. to the Ohio State soldiers' home. He married, October 27th, 1870, Mary C., youngest daughter of Daniel L. Collier, Esq., of Philadelphia.

ASDALE, WILLIAM JAMES, Pittsburgh, Pa., of Irish extraction, son of Alexander and Nancy (Connell) Asdale, was born in Clinton, Allegheny co., Pa., Aug. 25th, 1842. Having received an English and classical education, he read medicine under Drs. John and A. M. Pollock; was for one year a resident student at Mercy hosp., Pittsburgh; attended medical lectures in the univ. of Mich. in 1864–65, and at Rush med. coll. in 1865–66, and in Jan., 1866, received from the last-named institution his degree of M.D. In the ensuing April he established himself in Pittsburgh, engaging in a general practice, but giving especial attention to surgery. He is a charter member of the Pittsburgh acad. of med., first vice-president in 1876, corres. secretary in 1877; of the Mott med. club,

vice-president in 1877; of the Allegheny co. med. soc., vice-president in 1875; of the Pa. State med. soc.; of the Rocky Mountain med. asso.; an hon. member of the Cal. State med. soc., and a member of the Am. med. asso. He has published "Vaccination *vs.* Small-Pox," and has read a number of papers before the several societies of which he is a member. In 1871–72 he was elected to the select council of Pittsburgh; since 1871 has been a member, and secretary, of the O'Hara public school board, and was in 1875–76–77 a member, and secretary, of the Pittsburgh board of health. He married, Oct. 12th, 1876, Rachel, daughter of Jos. Wallace, Esq.

RISLEY, SAMUEL DOTY, Philadelphia, was born in Cincinnati, O., Jan. 16th, 1845. He was educated at the public schools of that city and in the State univ. of Iowa, and pursued his medical studies in the med. dep't of the univ. of Pa., whence he graduated M. D. in March, 1870, settling immediately after in Philadelphia. In 1872 he became associated with the eye dispensary of the univ. of Pa.; in 1874 he was appointed surg. on the dispensary staff of the Episcopal hosp. In 1875 he abandoned the general practice of medicine and surgery, and devoted himself to eye and ear diseases alone. In the same year he was appointed chief of dispensary for eye and ear diseases, on the opening of the hosp. of the univ. of Pa., and was appointed lecturer on ophthalmoscopy in the med. dep't of the univ. in Feb., 1877. He is a member of the patholog. and the Philadelphia co. med. socs., and of the Northern med. asso. of Philadelphia. His contributions to the literature of the profession consist among others of "Strabismus Convergens, having special reference to its Ætiology," *Philadelphia Medical Times*, Oct., 1874; "Description of an Optometer," a new instrument devised by him for measuring the anomalies of refraction and field of vision, *American Journal of Medical Sciences*, Oct., 1875; "The More Frequently Occurring Forms of Conjunctival Disease," a clinical study, read before the county med. soc., *Medical and Surgical Reporter*, Feb., 1877; and numerous reviews of books relating to his special line of study and practice.

WARD, SAMUEL BALDWIN, Albany, N. Y., son of L. B. Ward, of Morristown, N. J., and of Abby Dwight (Partridge) Ward, Hatfield, Mass., was born in New York city, June 8th, 1842. He was educated in the private schools of New York and in Columbia coll., New York, and pursued his medical studies in the coll. of phys. and surg., New York city, and the med. dep't of Georgetown coll., Washington, D. C. He received his degree of A. B., 1861, A. M., 1864, and M. D., 1864, and settled first in New York, but removed to Albany in 1876. He is a member of the Northwest med. and surg. soc., was its secretary in 1874–75–76; of the Albany co. med. soc.; and of various med. socs. in New York city. He has contributed an article on the "Sphygmograph and its Uses," to the *New York Medical Record*, vol. iii., p. 385; one on "Embolism of the Arteries of the Extremities," *New York Medical Journal*, vol. xix., p. 257; and several translations, histories of cases, etc., etc. He has held the position of prof. of anatomy, and subsequently of surgery, in the woman's med. coll. of the New York infirmary; and is now prof. of surgery in Albany med. coll. In 1862 he was acting med. cadet U. S. army; in 1863 acting ass't surg. U. S. army; and in 1864 ass't surg. U. S. vols. In October, 1871, he married Nina N., daughter of William A. Wheeler, Esq., of New York city.

NORRIS, JOHN CLEMENTS, Philadelphia, son of Martin Norris and Mary (Temple Clements) Norris, was born near Greensborough, Md., Oct. 2d, 1834. He was educated at the West River classical institute, Md., and studied medicine in the Jefferson med. coll., Philadelphia, whence he graduated M. D. in March, 1862, and settled in Philadelphia. He is a member of the coll. of phys. of Philadelphia; and has at various times contributed articles on medical subjects to the journals of his profession. He has held the position of acting ass't surg. of the U. S. army, at the special hosp. for nervous diseases and injuries. In July, 1864, he married Emily P. Tupper, of Massachusetts. She died in 1866. In Oct., 1872, he married Mary S. Brown, of this city.

RIDER, CHARLES EVERTS, Rochester, N. Y., descended from Puritan settlers of New England, was born at New Haven, Vt., May 26th, 1839. Having received his preliminary education at Oberlin and Middlebury colls., he entered the univ. of Vt., and was graduated thence M. D. in June, 1863. Previously to attending lectures at the univ. of Vt., he was a student at the univ. of Giessen, and at the École de Médecine, Paris. In 1863 he established himself at Rochester, making specialties of ophthalmology and otology. He is a member of the Rochester med. soc., president in 1871; of the Monroe co. med. soc., president in 1869; of the med. asso. of central N. Y., secretary in 1875; of the N. Y. State med. soc.; of

the Am. ophthalmolog. soc., and of the Am. otolog. soc. Since 1872 he has been prof. of ophthal. in Syracuse univ., and since 1865 has been ophthal. surg. to the Rochester city and St. Mary's hosps. He is also a trustee of the West N. Y. institution for the deaf mutes, and of the Rochester free dispensary. Of his professional publications may be mentioned two papers, "Clinical Observations," and "Reports of Cases," in the Transactions of the N. Y. State med. soc., for 1872. From 1864 to 1875 he was surg. to the 1st battalion, light artillery, N. G., N. Y. He married, Oct. 11th, 1860, Delia P., daughter of Rev. James R. Wheelock, of Middlebury, Vt.

RUSSELL, JOHN WADHAMS, Mt. Vernon, O., son of Stephen Russell, formerly a member of the legislature of Connecticut, from Litchfield, was born in Canaan, Litchfield co., Conn., Jan. 28th, 1804. He studied medicine in South Carolina, also in Yale coll., at Berkshire med. coll., and at Jefferson med. coll. He graduated at the latter in 1827. While in Philadelphia he had also been a private pupil in the office of Prof. George McClellan. He settled in Litchfield, Conn., but after a year removed to Sandusky City, O. In 1828 he removed to Mt. Vernon. His specialty is surgery, and during the practice of his profession he has successfully performed a large number of the capital operations, especially the operations for stone. He is a member of the Knox co. and Ohio State med. socs., is ex-president of the latter; also of the Am. med., Rocky mountain med., and State of Cal. med. assos. During the administrations of Governors Todd and Brough, of Ohio, he was examining surg. and officiated as chairman of the board until the close of the rebellion. He was president of the Mt. Vernon bank while it remained under that name, and has also had official connection with various banking and mining institutions. He married, in 1828, Eliza Beebe, daughter of Hon. William M. Beebe, of Litchfield. She died in 1871. In 1872 he married Ellen M. Brown, of San Francisco, daughter of Joseph Brown, Esq.

MCCORMICK, SAMUEL CARSON, Duluth, Minn., of Scotch-Irish descent, was born at Selin's Grove, Pa., Sept. 8th, 1837. Educated at Tuscarora acad., Lewisburg univ., and Jefferson med. coll., he was graduated M. D. from the last-named institution in March, 1862, and immediately thereafter was appointed surgeon in the U. S. vol. army. On being mustered out of the service at the end of the war, he established himself in Athens co., O.; practised there for a year, then, until spring of 1868, in Mauch Chunk, Pa.; in 1868–69, was surg. to the Union Pacific railroad company during the construction of its line, and since April, 1870, has been established in Duluth. He is a member of the Minn. State med. soc., in 1872 vice-president. For the past four years he has been health officer of Duluth, and for the past two years phys. of St. Louis county. He married, Nov. 9th, 1871, Louisa E., daughter of Vespasian Smith, M. D., of Duluth, Minn.

ANDERSON, EDWIN ALEXANDER, Wilmington, N. C., was born in Wilmington, June 17th, 1816. His father, who was a Scotch landed gentleman, came to this country at the solicitation of General Washington, and until the death of the latter had charge as steward and superintendent of his estates at Mt. Vernon. His mother's father, Thomas Howard, was a colonel in the revolutionary war. He was educated at Yale coll., both in the academical and medical dep'ts, graduating from the former in 1835, and from the latter in 1837. He settled in Wilmington, and turned his attention especially to ophthalmic surgery. He is a member of the New Hanover co. med. soc., and of the N. C. State med. soc., was president of both in 1870. He has contributed several articles on medical subjects to the various journals; among them on "Lead Poisoning and Rattlesnake Bites," to the *American Journal of Medical Sciences;* on "Gelseminum Semper Vivens" (*Tilden's Journal*); on "The Diuretic Properties of the Vaccinium Repens," *ibid.*, and "History of the Yellow Fever in Wilmington, N. C., 1862," *New York Medical Journal*, Sept., 1872. During a portion of the civil war he held the position of surg. in the Confederate States army, and was med. director of the North Carolina life insurance company until its dissolution. In 1842 he married Mary, granddaughter of Major-General Alexander Lillington, the hero of Moore's creek battle in 1776, near Wilmington, N. C., the next great battle after Lexington, and the most important of the war.

BLANE, JOHN, Perryville, N.J., son of Thomas Blane, and Elizabeth (Toombs) Blane, the latter a cousin of John Philpot Curran, was born in North Brunswick, Middlesex co., N. J., July 7th, 1802. After receiving as good an English education as the neighborhood and private teachers afforded, he, in 1822, entered the office of Dr. William D. McKissack, of Millstone, N. J., and besides attended lectures at the coll. of phys. and surg., New York, and Rutgers

med. coll. during the winters of 1825, 1826 and 1827. Having passed an examination before the board of censors of Somerset co., N. J., he received his diploma from the med. soc. of N. J., April 26th, 1827, and commenced practice in New York in connection with the drug business. At the end of the year he gave up this and went to Clarksville, Hunterdon co., N. J., residing there till 1831, in partnership with Dr. W. A. A. Hunt, and then removing to Perryville. He is a member of the district med. soc. of Hunterdon, served as its president in 1848 and 1855, and is its treasurer and historian; of the med. soc. of N. J., was for sixteen years one of its censors, and its president in 1861; of the Am. med. asso., elected in 1855, and now serving on its necrological committee. He has been connected with local educational matters for a period of thirty years, having held the position of school committee man and superintendent of public schools. In 1850 he was director of the board of chosen freeholders of Hunterdon county. For over fifty years he has held a commission in the militia of New Jersey, and received the appointment of major-general in 1840. From 1835 to 1837 he served as member of the general assembly, and in 1862, 1863 and 1864 represented Hunterdon county in the senate of New Jersey. In May, 1840, he married Cornelia Hunt, daughter of Isaac Smith, Esq., of Hunterdon county. By her he has had two daughters, both of whom have married members of the profession.

THOMAS, JOSEPH POTTS, Pembroke, Ky., was born in Clarksville, Tenn., Sept. 9th, 1830, of mixed Irish, Welsh, and native ancestry. His father, Captain Joseph Potts Thomas, who emigrated from Virginia in 1822, was in the war of 1812, and went to reside in Clarksville, Tenn.; and his mother, Sarah Curran (Duvall) Thomas, was a direct descendant of John Philpot Curran, native of Maryland. He was educated at Clarksville acad., and pursued his medical studies at Shelby med. coll., univ. of Nashville, and univ. of Louisville, graduating M. D. at Shelby coll. in 1859, and again at Nashville univ. in 1868. He settled in Pembroke, Christian co., where he began general practice, but with special attention to surgery, especially uterine. He has performed craniotomy three times with improvised instruments, Cæsarean section twice, saving the child each time; amputation of the leg below the knee with only a pocket case of instruments and carpenter's saw, in every instance with success. He is a member of the Am. med. asso., of the Ky. State med. soc.; the Tri-State soc. of Indiana, Illinois and Kentucky, and of the Christian co. med. soc. He has contributed largely to medical literature, having among others published articles on the following subjects: "Uva Ursi as an Oxytocic," *Nashville Medical Record*, 1861; "Opium vs. Belladonna," *Richmond and Louisville Medical Journal*, 1874; "Exophthalmic Goitre," *ibid.*, Nov., 1876; "Pathology, Etiology and Treatment of Pneumonia," *ibid.*, April, 1876; "The Cause of the Periodicity of Intermittent Fevers," etc., *ibid.*, 1877; "Impaction Simulating Typhoid Fever, with Cases," etc., paper read before the State soc.; "Penetrating Wound of Brain," *American Weekly*, 1875; "Encysted Ovarian Dropsy," *ibid.*, Feb., 1877; "New Uterine Escharotic and Alterative," *American Practitioner;* "Remarkable Case of Compound Comminuted Fracture of Cranium, Recovery," *Richmond and Louisville Medical Journal*, March, 1874; "Salicylic Acid as an Anti-Periodic and Febrifuge," *American Practitioner;* "Antiquity of the Fulcrum in the Reduction of Dislocations," *ibid.* He is at present engaged in an extensive general practice, making diseases of females a specialty.

POLLARD, THOMAS JEFFERSON, Fayetteville, Ark., son of William and Frances (Hampton) Pollard, both of Virginia, was born in Lexington, Ky., Oct. 27th, 1805. Having received his preliminary education in Lexington, he attended medical lectures in Transylvania univ.; was graduated thence M. D. in March, 1828, and in the same year began the practice of his profession in Nicholasville, Ky. In 1829 he removed to Versailles, Ky.; in 1831 to Palmyra, Mo., and in 1839 finally established himself at Fayetteville. While engaged in a general practice, he has given especial attention to surgery, and in the course of his long professional career—almost half a century—has performed successfully most of the capital operations. In 1872 he was one of the founders of the Washington co. med. soc., was elected first president of that organization, and was re-elected president in Oct., 1874. During the late war he was post surg. in the Confederate service at Fayetteville. He married, April 10th, 1829, Mary Willis, daughter of Rev. William Stirman, of Nicholasville, Ky.

OSGOOD, WILLIAM, North Yarmouth, Me., son of Dr. Amos Osgood, for fifty years in active practice in North Yarmouth, was born in that town, Nov. 12th, 1825. He graduated from Bowdoin coll., 1846, and studied medicine in the med. school of that institution, and at Harvard med. school, Bos-

ton, graduating M. D. from the former in May, 1850, and settling in North Yarmouth in general practice. He is a member of the Maine med. asso., elected vice-president in 1877; of the Cumberland co. med. asso., of the latter he was vice-president in 1873, and president in 1874. His contributions to professional literature have only been such papers as he had read before various medical associations. He has held the position of town clerk for twenty-one years, and was for many years a member of the board of education. At the present time he is U. S. examining surg. for pensions. In Nov., 1860, he married Sarah E., daughter of James Gammaus, Esq., of Belfast, Me. She died Dec. 13th, 1872.

MOORE, JAMES W., Easton, Pa., was born at Easton, June 14th, 1844. He was educated at the Easton high school and at Lafayette coll., and pursued his medical education at the univ. of Pa. He graduated at the former in 1860, and at the latter in 1864, receiving the degree of A. M. in 1867, and taking the degree of M. D. from the last-named institution in 1869. He is a member of the Am. asso. for the advancement of science, and of the county med. soc. He is prof. of physics and mechanics of Lafayette college.

HOPKINS, W. WORTHINGTON, Havre-de-Grace, Md., was born in that city, Nov. 26th, 1836. He is the son of Dr. Thomas Chew Hopkins. He was educated at Delaware coll., graduated in medicine at the univ. of Md., in 1858, and settled in Havre-de-Grace in general practice. He is a member of the Harford co. med. soc., and of the Am. med. asso., elected to the latter in 1876. In Nov., 1867, he married Cassandra Lee, daughter of James A. Grover, Esq., of Harford co., Md.

ELDER, THOMAS ALEXANDER, Mifflintown, Juniata co., Pa., of parents who came from an English, Irish and Scotch ancestry. He was educated at the Tuscarora acad., Pa., and at the agricultural coll. of Pa., and pursued his medical studies at the Rush med. coll., and at the Bellevue hosp. med. coll., New York, graduating M. D. at the former in 1868, and at the latter *ad eundem* in 1872. He settled in Mifflintown in general practice, but giving special attention to diseases of women and children. He is a member of the Juniata co. med. soc., was its treasurer in 1876. Under the heading of "Therapeutical Notes" he contributed to the *Chicago Medical Journal:* "The Sulphites in Tonsilitis and Scarlatina," "Chloral in Mania a Potu," "Ammonia in Treatment of Snake-Bite," etc.; also on a "Peculiar Affection of the Liver" (Epidemic), *Medical and Surgical Reporter*. During the war he served for six months in the volunteer service.

SCHAUFFLER, EDWARD WILLIAM, Kansas City, Mo., son of the Rev. W. G. Schauffler, D. D., a missionary to Turkey, was born at Vienna, Austria, Sept. 11th, 1839. Educated at Williams coll., Mass., and at the New York coll. of phys. and surg., he was graduated M. D. from the latter institution in March, 1866; practised for a year in New York, and has since 1868 been established in Kansas City. He is a member of the Kansas City district med. soc.; of the Mo. State med. soc., secretary from 1872 to 1876, vice-president since 1876; and of the Am. med. asso. For four years (1871 to 1874) he edited the *Kansas City Medical Journal;* has published in this and other medical periodicals a number of monographs and reports; and was one of the translators of Ziemssen's "Cyclopædia of the Practice of Medicine." During the late war he served for three years in the 127th N. Y. reg. He married, August 3d, 1869, Martha A., daughter of Samuel Haines, Esq., of Camden co., N. J.

HAILES, WILLIAM H., Albany, N. Y., of English descent, was born in Albany, Oct. 14th, 1849. Having received a classical education, he entered the Albany med. coll., whence he was graduated M. D. in 1870; pursued his professional studies at the univs. of Strasburg and Vienna, and in Jan., 1872, established himself in practice in Albany. He is a member of the Albany co. med. soc.; attending surgeon to the Albany hosp., and prof. of histology and pathological anatomy in the Albany med. coll.

TYSON, JAMES LAWRENCE, Penllyn, Montgomery co., Pa., a descendant of the celebrated Dr. Edward Tyson, of London (whose descendant, Rinear Tyson, immigrated to Pennsylvania in 1683), was born in Philadelphia, Nov. 19th, 1813. He attended lectures at the Philadelphia coll. of pharmacy, and was for four years engaged as a druggist preparatory to the study of medicine; read medicine under Dr. John Bell; attended lectures at the Philadelphia medical institute and in the med. dep't of the univ. of Pa., and from the last-named institution received, in 1838, his degree of M. D. In the same year he established himself in Philadelphia; removed thence, in 1842, to Frankford (a suburban town); thence, in 1843, to Baltimore; thence, in 1849, to California; thence, in

1851, to Philadelphia, and thence, in 1858, to Penllyn. In 1854 he was elected, and served until his resignation three years later, prof. of mat. med. and therap. in the Philadelphia coll. of med.; was for several years phys. to the Wills eye hosp.; was one of the founders of, and for several years was phys. to the Howard hosp., and while in California was surg.-in-chief of a hospital in the northern gold regions. He was a member of the Philadelphia coll. of phys. before he removed to Montgomery county. He married, in 1840, Caroline Drinker, a daughter of Joseph D. Drinker, Esq., of Philadelphia.

BRUMBAUGH, ANDREW BOELUS, Huntingdon, Pa., of German-English descent, was born near Marklesburg, Huntingdon co., Pa., Aug. 9th, 1836. Having received an ordinary English education, with Latin and German—since largely extended by private study—he entered the med. dep't of the univ. of Pa.; was graduated thence M. D. in 1866, and in the same year established himself as a general practitioner in Huntingdon. He has now for a considerable period given especial attention to gynæcology and neurology, and to the investigation of allied and the progressive sciences. He is a member of the Huntingdon co. med. soc., of which, in 1872, he was one of the reorganizers, and of which, since that date, he has been secretary and treasurer; of the Juniata valley med. asso., one of the founders in 1875, and since that date secretary; of the Pa. State med. soc., and of the Am. med. asso. Since its establishment in 1876, he has been lecturer on hygiene and physiology in the Normal school established by the church of the Brethren at Huntingdon; and since 1868 has been examining surg. to the U. S. pension bureau. He married, October 11th, 1859, Maria B., daughter of Jacob Frank, Esq., of Huntingdon county.

HUTTON, TERRY J., Shenandoah, Schuylkill co., Pa., was born in Rontoon, Ireland, Aug. 10th, 1849. He was educated at Cortland acad., Cortland, N. Y., and pursued his medical studies at the Long Island coll. hosp., Brooklyn, and graduated June 22d, 1871. He was appointed by the faculty res. phys. for a year at Long Island coll. hosp., then settled in Shenandoah, Pa., where he remained till Sept., 1875. During the centennial year he was ass't phys. to the Burn Brae hosp. for mental and nervous diseases, in Philadelphia, and then returning to Shenandoah, established himself in practice in that city. He is a member of the physicians' aid soc., New York; of the Schuylkill co. med. soc.; Pa. State med. soc.; and corresponding member of the Mason and Meigs acad. of med., Ohio. His contributions to medical literature—perhaps a dozen in all—are on important subjects, and notably original; some among them being: "Discovery of Tapeworm in the New Born," *Detroit Medical Journal*, Jan., 1872. In this he advances beyond both Cobbold and Kuchenmeister, the most eminent authorities on the subject of worms. That tape-worm may occur in the new-born does not appear in the works of either. "Prediction of Sex in Utero by Auscultation," *New York Medical Journal*, July, 1872. This also is the first clinical report on the subject ever published, although in the Transactions of the Pa. State med. soc. for 1873, priority is erroneously given to Frankenhauser. "Reunion of Severed Digits," and many other articles, in the *Medical and Surgical Reporter*. He has also now in press: "Fifty Fractures—Mining Surgery." In 1872 he had charge of one hundred men from the Russian fleet, which were here with Alexis, receiving the personal thanks of Minister Catacazy and lady, for his services. On Sept. 23d, 1872, he was married to Hannah Lafette, daughter of Z. S. Robbins, Esq., of Bloomsburg, Pa. She died in Jan., 1874.

WALLACE, DAVID RICHARD, Austin, Travis co., Texas, son of Warren Wallace and Phœbe (Powell) Wallace, was born Nov. 10th, 1825. His literary education was obtained at Wake Forest coll., N. C., whence he graduated in June, 1850; and has received his medical education in the univ. of New York, graduating from that institution M. D. in 1854. He first settled in Pitt county, but subsequently removed to Texas, and resided for some time at Independence, Washington co., in that State. He is a member of the Waco med. soc., was president in 1872; and of the Texas State med. soc., was president in 1872 and 1873; and of the Am. med. asso. He has contributed numerous papers to medical journals on professional subjects. He has been prof. of ancient languages in Baylor univ., and is now sup't of the State lunatic asylum, Texas. During the civil war he held the position of surg. in the Confederate States army. In May, 1857, he married Arabella M., daughter of Asbury Daniel, Esq., of Washington county, Texas. She died in 1868; subsequently he married her sister, Mrs. A. L. Roberts.

MCQUESTEN, EUGENE FORREST, Nashua, N. H., son of Isaac and Margaret (Chase) McQuesten, was born in Litchfield, N. H., Oct. 11th, 1843. He was

educated at the Nashua public schools, Pembroke acad., in the scientific and med. dep'ts of Dartmouth coll., and at the Jefferson med. coll., Philadelphia, graduating M. D. from the latter in March, 1866. He settled first in Lynn, Mass., but after six months removed to Nashua. He is a member of the Am. med. asso., and of the N. H. med. soc. He was a member of the N. H. legislature in 1873 and 1874; secretary of the Nashua board of education for 1872 and 1873 (and is now a member); was Nashua City phys. for 1872, and since 1874 has been ass't surg. to Amoskeag veterans. In June, 1868, he married Lizzie M., daughter of Hon. Solomon Spaulding, of Nashua.

MARVIN, JOSEPH BENSON, Louisville, Ky., eldest son of J. M. and M. L. Marvin, was born at Monticello, Fla., Aug. 3d, 1852. In 1870 he was graduated from the Virginia military institute; was for three years subsequent to graduation ass't prof. of chemistry in that institution; then entered the med. dep't of the Central univ. of Louisville, Ky., and was graduated thence M. D. in March, 1875. In the same year he established himself in practice in Louisville, making specialties of the diseases of the nervous system and of medical microscopy. He is a member of the Ky. State med. soc.; of the Louisville acad. of medicine, secretary since 1875, and the Louisville microscopical soc., president in 1877. Since Sept., 1874, he has been prof. of medical chemistry and toxicology, and clinical lecturer on nervous diseases in the Louisville hosp. coll. of medicine.

EVE, PAUL FITZSIMMONS, Nashville, Tenn., of English-Irish descent, son of Captain Oswell and Aphra Ann (Pritchard) Eve, was born near Augusta, Ga., June 27th, 1806. Having graduated A. B. from Franklin coll., Athens, Ga., in 1826, he became an office student under the celebrated Dr. Charles D. Meigs; at the same time entered the med. dep't of the univ. of Pa., and was graduated thence M. D. in the spring of 1828. After practising medicine for a year in Georgia he sailed for Europe, and until May, 1831, prosecuted his professional studies in London and Paris; in London, under Sir Astley Cooper, Abernethy and Johnson, and in Paris, under Dupuytren, Larrey, Roux, Velpeau and others. In May, 1831, political events in Europe had reached a crisis. While in Paris he had witnessed the dethronement of Charles X., and had "participated professionally" in the revolution of July, and when the Russian advance was made upon Poland, he determined to offer his services to the latter country—"remembering," as he himself says, "how the gallant Pulaski had fallen at the siege of Savannah during our own revolutionary war." After a short detention at Berlin, he was permitted by means of letters from Lafayette, chairman of the Polish committee of Paris, but especially through the intervention of Dr. Carl Fred. von Graefe (himself a Pole), surgeon to the king—to proceed to Warsaw, and upon arriving in that city was at once assigned to hospital duty. For unremitting devotion to duty, he was promoted to be surgeon of the 15th infantry regiment, and was made surgeon of ambulances in General Turno's division. At the instance of the chief of the medical bureau, he was decorated with the golden cross of honor. After the fall of Warsaw, Sept. 8th, 1831, he was for thirty days a prisoner within the Prussian lines, on the plea of cholera. He returned to Paris, and in November sailed from Havre for New York. In June, 1832, he was elected prof. of surgery in the med. coll. of Ga., then just organized in Augusta, and in this school delivered seventeen successive courses of lectures; in 1850 was called to succeed Prof. Gross in the chair of surgery in the univ. of Louisville, but after one course resigned this position because of the illness (terminating in the death) of his wife. In 1851 he was made prof. of surgery in the univ. of Nashville, then being organized, and during the ensuing ten years he discharged the functions of this office. In 1868 he was called to the chair of surgery in the Mo. med. coll., but after two courses of lectures was compelled by the severity of the climate to resign his professorship, and returning to Nashville was tendered the chair of operative and clinical surgery in the univ., holding this position until 1877, when he accepted the chair of principles of surgery and diseases of the genito-urinary organs in the newly founded Nashville med. coll., a professorship that he still holds. His position as a leading surgeon of the southwest has naturally made him the recipient of requests from various medical institutions to become a member of their several faculties, and in accepting the professorships already mentioned he has been compelled to decline calls from the Philadelphia med. coll., the New Orleans med. coll., the Memphis med. coll., the Ohio med. coll. in Columbus, and the univ. of the city of New York. During his forty-five years of professional life he has not lost a single lecture. He has performed lithotomy more than one hundred times, chiefly by the bi-lateral method, with a death rate of but about ten per centum; is credited

by Dr. Meigs with being the first American who exsected the uterus *in situ*, the patient surviving more than three months; he has removed the crista-galli, the patient surviving six days; has trephined the lateral sinus of the brain; has by tracheotomy and with forceps successfully removed a nail from the left bronchus; has introduced a simple canula needle for applying ligatures and sutures; has relieved extroversion of the female organs of generation, etc., etc. He was president of the Tenn. State med. soc. in 1871; president of the Am. med. asso. in 1857–58, and at the International med. congress held in Philadelphia in 1876, was distinguished as special representative of surgery. His professional publications have been numerous, embracing some six hundred articles. His most important works are "Remarkable Cases in Surgery," 1 vol., 8vo., pp. 858, 1857; "One Hundred Cases of Lithotomy," Transactions Am. med. asso., 1870; "What the South and West have Done for American Surgery," and the report of twenty amputations and thirteen resections at hip-joint (performed by Confederate surgeons), contributed to "The Medical History of the War." He has also been editor of the *Southern Medical and Surgical Journal*, and ass't editor of the *Nashville Medical and Surgical Journal*. In 1840 he was the first volunteer surgeon appointed to serve in the Mexican war; in 1859 he visited Europe; went direct to the seat of war, was at Magenta and Solferino, and contributed the results of his observations to the *Nashville Medical and Surgical Journal*, for 1859. In Nov., 1861, he was made surg.-general of Tenn.; served also as surg. to Johnson's hosp., and as a member of the army med. examining board; on the fall of Nashville was made surg. to the Gate city hosp. of Atlanta, Ga.; was ordered to the field at Shiloh during the battle; subsequently served at Columbus, Miss.; again at Atlanta, and finally at Augusta, Ga., being stationed at the latter city upon the termination of the war. He has twice married: Dec., 1832, to Sarah Louisa, granddaughter of Gen. Twiggs, of the continental army; and Jan., 1852, to Sarah Ann, daughter of the Rev. H. D. Duncan, of S. C. [Died, Jan., 1878.]

McINTIRE, CHARLES, Jr., was born in Philadelphia, Aug. 30th, 1847. His family is of Scotch-Irish origin, members of the branch from which he is descended having immigrated to this country about the middle of the last century and settled at Marcus Hook, Pa. Receiving his primary education at the Easton high school, he subsequently graduated from Lafayette coll., and thereafter entered the med. dep't of the univ. of Pa. From the latter institution he received his degree of M. D. in 1873. From 1868 to 1872 he was ass't in chemistry, and from 1872 to 1874 was adjunct prof. of chemistry in Lafayette, his attendance at the univ. having been while on furlough. In 1875 he established himself in general practice at Easton, paying, however, especial attention to diseases of the eye and ear. He is a member of the Am. institute of mining engineers; of the Am. chem. soc., and of the Pa. State and Northampton co. med. socs., holding in the last two the position of recording secretary.

DUNCAN, WILLIAM STEVENS, Brownsville, Pa., was born in Brownsville, Fayette co., Pa., May 24th, 1834. Educated at Mount Union coll., Ohio, and in the med. dep't of the univ. of Pa., he was graduated M. D. from the latter institution in March, 1858, and in the same year established himself as a general practitioner at Brownsville. Of his notable cases may be mentioned, cure of aneurism of external iliac by Faradization; performance of tracheotomy seven times, of herniotomy nine times, and seven operations of trephining skull. He is a member of the Fayette co. med. soc., president in 1869; of the Pa. State med. soc., censor for seventh district since 1870; of the Rocky mountain med. asso., and of the Am. med. asso.; also an hon. member of the California State med. soc. His more important professional publications are "Report of Case of Malformation of Genito-Urinary Organs," *American Journal of Medical Sciences*, Oct., 1859; "Belladonna an Antidote to Opium Poisoning," *ibid.*, Oct., 1862; "Medical Delusions," pamphlet, 1869, and "Physiology of Death," pamphlet, 1876. He served as a vol. surg. at Gettysburg; was captured by the Confederate troops, but succeeded in escaping. In 1875 he assisted in the organization of the Brownsville railroad company, and is at present (1877) one of the directors of that organization; also a director of the Brownsville dollar savings bank. He married, March 21st, 1861, Amanda, daughter of Benjamin Leonard, Esq., of Brownsville, Pennsylvania.

POND, MILO BUSHNELL, Napa, Cal., son of Ananias R. Pond and Frances M. (Bushnell) Pond, was born in Manchester, Ind., Feb. 22d, 1836. He was educated at the Ulatus acad., Cal., and pursued his medical studies at the Toland med. coll. (now the med. dep't of the State univ.), in San Francisco, whence he graduated in 1865,

settling first in San Francisco, and afterwards at Napa City. In the practice of his profession he has performed a number of major operations with success. He is the inventor of a needle for the operation of staphyloraphy; also of a dilator to take the place of the tracheotomy tube. Two of his cases, and diagrams illustrating instruments, are published in the Transactions of the State med. soc. of Cal., for the years 1872 and 1873. He is a member of the Cal. State med. soc., is now its vice-president, elected in 1876; of the Pacific med. soc.; and of the Am. med. asso. He has held the position of coroner and county phys. of Napa co., for six years; and is ass't phys. to city and county hosp. of San Francisco. In June, 1865, he married Josephine C., daughter of Dr. T. C. Everett, of St. Helena, Cal.

LITTLE, JAMES LAWRENCE, New York, was born in Brooklyn, N. Y., Feb. 19th, 1836. His professional education was obtained as a student under Dr. Willard Parker, and at the coll. of phys. and surg., New York. Graduating M. D. in March, 1860—having previously served six months as junior ass't phys. to Bellevue hosp.—he was appointed junior assistant to the New York hosp. in 1860; was subsequently raised to be senior ass't and afterwards house surg. After holding this latter post for a year, he was in 1862 appointed surg.-in-charge to the Park barracks. In 1863 he was appointed clinical ass't to Prof. Willard Parker in the coll. of phys. and surg., and in 1864 he delivered his first course of lectures in the spring term of that college—on fractures and their treatment. These lectures were delivered annually until 1868, when a regular summer faculty was formed, in which he was appointed lecturer on operative surgery and surgical dressings—a position which he at present (1877) holds. In 1875 he accepted the chair of surg. in the univ. of Vt., still, however, retaining his residence in New York. He was appointed, in 1865, consulting surg. to the Northwestern dispensary; in 1868 attending surg. to St. Luke's, and in 1876 attending surg. to St. Vincent's hosps. He is a permanent member of the Am. med. asso., and of the N. Y. State med. soc.; fellow of the N. Y. acad. of med., and a member of the patholog., county med., and Northwestern med. and surg. socs.; and of the Medical Journal asso. As an author, his publications have been confined to contributions to professional periodicals and to the Transactions of the several societies, of which he is a member. One of his most important papers—published in 1861—described a new method, which has since been very generally adopted, of making splints of plaster of Paris. This paper, considerably enlarged by the author, was republished and extensively circulated by the Sanitary commission, and at the session of the Am. med. asso. in 1867, he presented a report upon "The Use of Plaster of Paris in Surgery." Of his other important publications may be mentioned: "Median Lithotomy," a subject upon which he speaks authoritatively, having performed the median operation more frequently than any other now living American surgeon; and reports of "Excision of the Lower Jaw for Osteo-Sarcoma;" "Anchylosis of the Temporo-Maxillary Articulation, Successfully Treated by Excision of the Right Condyle;" "Naso-Pharyngeal Tumor Removed by Galvano-Cautery," etc., etc. He married, June 22d, 1858, Elsie A. Charlotte, daughter of John Charlotte, Esq., of New Berne, N. C.

DOWNS, ROBERT NORTON, Germantown, Philadelphia, was born in that city, Sept. 15th, 1829. He was educated at the Central high school, and pursued his medical studies at the univ. of Pa., where he graduated M. D. in March, 1856. He commenced practice in Germantown. He is a fellow of the coll. of phys. of Philadelphia, and from September, 1862, to the close of the war held the position of acting ass't surg. in the U. S. army, being on duty in various military hospitals. He is now consulting phys. to the Germantown hosp. In Oct., 1864, he married Sarah L., daughter of the late Dr. Edwin P. Atlee, of Philadelphia.

PATTON, GEORGE RANDOLPH, Lake City, Minn., was born in Allenville, Mifflin co., Pa., Aug. 16th, 1834. His parentage is American, the ancestors of his father, however, being Irish, and those of his mother being English, who settled in Connecticut in 1687. He graduated at Miami univ., Oxford, O., and pursued his medical studies at the Miami med. coll., Cincinnati, O., graduating M. D. in 1855. He established himself in practice in Cincinnati in that year, and remained till 1872, when ill health compelled his removal to Lake City, Minn. He is a member of the Cincinnati acad. of med.; of the Minn. State med. soc.; and Wabasha co. med. asso. In March, 1856, he contributed an article on "Elephantiasis Arabica" to the *Cincinnati Medical Observer;* the following to the *Cincinnati Lancet and Observer:* "Contributions on Helminthology," June, 1862, and January, 1863; "Phlegmasia Dolens," June, 1863; "Hæmorrhagic Diathesis," Dec., 1867; "Antagonism Atropia and Morphia," June, 1869; "New Instru-

ment for Urethritis," Dec., 1869, and *Philadelphia Medical and Surgical Reporter*, Feb., 1870; "Treatment of Urethritis," *Cincinnati Lancet and Observer*, Feb., 1870; "Hepatitis," *ibid.*, March, 1870; "Hypodermic Injections," *Medical and Surgical Reporter*, March, 1870. In 1857 he was lecturer on mat. med. in the Miami med. coll.; res. phys. St. John's hosp., Cincinnati, O., in 1855–56; surg.-in-charge of Greenup street military hosp., Covington, Ky., during 1862–63; and is pension surg. at Lake City, Minn. The degree of M. A. was conferred upon him by the Miami univ. in 1857. In March, 1857, he married Frances Mary, daughter of A. J. Patterson, Esq., of Cincinnati.

HUNT, EZRA M., Metuchen, N. J., of English-Welsh descent, was born at Metuchen, Jan. 4th, 1830. Educated at the coll. of N. J., Princeton, and in the coll. of phys. and surg., New York, he was graduated M. D. from the latter institution in 1852, and in the same year established himself at Metuchen. In 1854 he was appointed lecturer on mat. med. in Vermont med. coll., and in 1855 was elected prof. of chemistry in the same college, but declined because of his practice in New Jersey. He is a fellow of the N. J. State med. soc., its president in 1864; chairman of the hygiene section of the Am. med. asso., 1877; vice-president of the Am. public health asso.; of the N. J. State board of health; and an hon. member of the N. Y. State med. soc.; Boston gynæcol. soc.; Baltimore med. asso., etc. Of his professional publications may be mentioned: "Physician's Counsels;" "Alcohol as a Food and Medicine;" a number of contributions to medical periodicals, and his "Patient's and Physician's Aid." He has also published several works of a religious character: "Grace Culture;" "Bible Notes for Daily Readers," etc. In 1862 he was appointed ass't surg. 29th N. J. reg., and in 1863 made surg.-in-charge of the Calvert street hosp., Baltimore. He married, in April, 1853, Emma, daughter of Ezra Ayres, Esq., of Rahway, N. J.; and in 1870 the daughter of Josiah Reeve, Esq., of Alloway, New Jersey.

HOLLAND, JAMES W., Louisville, Ky., son of Dr. R. C. Holland, was born in Nashville, Tenn., April 24th, 1849. Educated at the Louisville high school, and at Jefferson med. coll., he was graduated M. D. from the latter institution in March, 1868, and in the same year established himself in practice in Louisville. He is a member of the Louisville coll. of phys. and surg.; of the Louisville med. and chirurg. soc.; of the Ky. State med. soc., and of the Am. med. asso. His publications have been confined to occasional contributions to professional periodicals. Since Aug., 1870, he has been prof. of chemistry and of mat. med. in the univ. of Louisville. He married, May 21st, 1877, Minnie B., daughter of E. W. Rupert, Esq., of Louisville, Kentucky.

SMITH, GOUVERNEUR MATHER, New York, was born in New York, his father being Dr. Joseph Mather Smith, who for forty years was prof. in the coll. of phys. and surg., New York, and for thirty-seven years phys. to the New York hosp. He received the degrees of A. B. and A. M. from the univ. of the city of New York, and that of M. D. from the coll. of phys. and surg., New York, graduating in 1855, and establishing himself in practice in New York. He is engaged in general practice. He is a permanent member of the Am. med. asso.; was orator of New York acad. of med. in 1869, and its vice-president during 1875–76–77; vice-president of the Medical Journal asso.; censor of the med. soc. of the county of New York; secretary of the New York society for the relief of widows and orphans of medical men, and one of its managers since 1873; hon. member of the med. soc. of Greene co., N. H.; and delegate to the med. soc. of the State of N. Y. His contributions to medical literature have been clinical lectures in the New York hosp. on "Sunstroke and Delirium Tremens," *New York Medical Record;* memoir: "William C. Roberts, M. D.," oration before the New York acad. of med.; various essays in the *Bulletin and Transcript* of the New York acad. of med., on "Vegetable Assimilation," "Etiology of Bright's Disease," "Uric Acid as a Cause of Bright's Disease," "Diabetes," "Lactic Acid as a Cause of Rheumatism," "Facial Paralysis," "Uses and Derangements of the Glycogenic Function of the Liver," "Epidemics of the Century and the Lessons Derived from them," etc. From 1856 to 1866 he was phys. to the Demilt dispensary; since 1866 attending phys. to the New York hosp.; and since 1875 attending phys. to the Presbyterian hosp. During the civil war, in 1861, he served as a volunteer medical officer at the front, under the auspices of the U. S. sanitary commission, and subsequently, for about two years and a half, was acting ass't surg. in the U. S. army general hosp. in New York city.

WESTBROOK, ALBERT ERNEST, Ashley, Delaware co., O., son of Solomon and Mathena Westbrook, was born in South Woodbury, Morrow co., O., Dec. 17th,

1840. He received his preliminary education at Hesper Mount seminary, and at the Delaware univ., Delaware, O. He pursued his medical studies at the Cincinnati coll. of med. and surg., and graduated in Feb., 1863. He settled in Ashley in 1865, giving special attention to surgery and diseases of women. He is a member of the Am., the Ohio State, and the Delaware co. med. assos., was vice-president of the latter in 1876, and has been re-elected to the same position. He was ass't surg. of the 106th Ohio reg. from 1863 to 1865; during the war was on detached duty at Gallatin, Tenn.; had charge of the post hosps. and was post med. director on the staff of Brig.-Gen. E. A. Pane at Gallatin, Tenn. Had charge of Forts Negley, Houston, and Morton at Nashville, and was on duty at the hosp. in Stevenson, Ala. For a time was surg. of the 68th N. Y. infantry. In Dec., 1866, he married Amanda E., daughter of Judge Cunard, of Mount Gilead, Morrow county, Ohio.

VANDERVOORT, JOHN L., of New York, was born in New York city, Jan. 10th, 1809, his parents being Peter L. and Mary Ann Vandervoort. He was educated at Union hall, Jamaica, L. I., his medical education being obtained at Columbia coll. and the coll. of phys. and surg., New York. He graduated in 1832, and settled permanently in the above city. He is a member of the New York co. med. soc., and of the New York acad. of med., of the latter being recording secretary for one year. He was res. phys. of the New York hosp. in 1833 and in 1864, during the rebellion and for thirty-four years has held the position of librarian to that institution, and still holds it. He was married in 1839, at Black Rock, Conn.

HALL, CHARLES HERSCHELL, Salem, Oregon, son of W. B. Hall, of Wheeling, West Va., was born at Newport, Ind., April 5th, 1835. Having received his preliminary education at the Indiana univ., he entered the med. dep't of Willammett univ., and was graduated thence M. D. in 1868. In the following year he established himself in general practice in Salem; was in 1871–72–73 in the government Indian service at Fort Yarnhill, and in 1874 resigned this position in order to accept the professorship of the theory and practice of medicine in Willammett univ.—an office that he at present (1877) continues to hold. He is a member of the Oregon State med. soc., and was secretary of that body in 1874; member of the Marion co. med., and the Am. med. asso. Since 1876 he has been editor of the *Oregon Medical Journal*, to which he has been a liberal and important contributor. He married, Aug. 10th, 1857, Mary, daughter of the Rev. A. F. Waller, a clergyman who many years since went out as a missionary to the Indian tribes of Oregon.

ABBOTT, SAMUEL WARREN, Wakefield, Mass., great-grandson of Joseph Winn, who fought at Lexington and Bunker Hill, was born at Woburn, Mass., June 12th, 1837. He was educated at Phillips acad., Andover, at Brown univ. and at Harvard med. coll., graduating from the first two respectively in 1854 and 1858, and from the latter in 1862. He located himself first at Woburn and afterwards at Wakefield, to which place he removed in 1869. He is a member of the Am. metric bureau; of the Mass. med., and Mass. med. benevolent socs.; of the Middlesex east med. soc., has been its secretary, vice-president and president; of the Mass. medico-legal asso.; and councellor censor, and commissioner of trials of Mass. med. soc. His contributions to medical literature consist, among publications, of "Veratrum Viride," "Metric System," "Opium Habit." He was ass't surg. in the U. S. navy from 1861 to 1864, regular service, and surg. of 1st Mass. vol. cavalry, 1864–65. He has been a member of the school committee and of the board of health of Wakefield. Has been its coroner and is now medical examiner under the new law abolishing the coroner's office. He is also associated with various benevolent and scientific bodies, natural history associations, etc. In 1864 he married Martha W., daughter of Thomas V. Sullivan, Esq., of Woburn.

AMICK, MARION L., Cincinnati, O., was born in Scipio, Ind., Sept. 13th, 1843. He was educated at Hanover coll., Hanover, Ind., and studied medicine at the Cincinnati coll. of med. and surg. He graduated at the former in June, 1867, and graduated M. D. at the latter in Feb., 1869, and settled in Cincinnati. He is a member of the State med. soc. of Ohio., and of the soc. of natural history of Cincinnati. He holds the position of medical examiner of the board of A. O. U. U. of Ohio, and is prof. of anat. in the Cincinnati coll. of med. and surg., elected in 1871. During the war he served as a private in the U. S. army.

ALEXANDER, JOHN B., Lexington, Mo., descended from ancestors who settled on the Potomac in 1660, was born near Alexandria, Va., Dec. 30th, 1820. He was educated at Hallowell's school, Alexandria, and at Transylvania univ., Lexington, Ky.,

and graduated in March, 1841. He first located himself in Shelbyville, Ky., removed to Lafayette co., Mo., in 1846, and in 1853 to Lexington, Mo. He is a permanent member of the Am. med. asso., and of the med. asso. of the State of Mo., was president of the latter in 1855. He is the author of a paper on "The Use of Alcohol in Rattlesnake Bite," *St. Louis Medical and Surgical Journal*, 1855, etc., etc. He held the position of postmaster of Lexington, Mo., from 1861 to 1869. In June, 1844, he married Elizabeth, sister of Judge John C. Richardson, of the supreme court of Missouri.

AIKEN, EDWARD, Amherst, N. H., was born, April 10th, 1830, at that place, his father being the Rev. Silas Aiken, D. D., sometime pastor of Park street church, Boston, and his mother Mary (Osgood) Aiken, niece of Prof. R. D. Mussey, M. D., LL. D. He was educated in the public Latin school, Boston; Dartmouth coll. (A. B., 1851; A. M., 1854); and med. dep't of Yale coll., whence he graduated with the degree of M. D., 1861. Locating in Fitzwilliam, N. H., in 1861, he continued in practice there until 1865, when he removed to Amherst. He was prof. of mat. med. and therap. in the New England female med. coll., 1864 to 1872. He is a member of the Conn. river valley and N. H. State med. socs. He has served as town sup't of schools for four years. From 1855 to 1858 he was employed by the Am. board, Congregational foreign missions, as missionary to the Holy Land, and while thus engaged edited the first complete Arabic atlas. He was married to Susan D., daughter of Hon. J. O. Cole, of Albany, N. Y.; and subsequently to Sarah, daughter of Cyrus Cheney, Esq., of Philipton, Mo.

AYER, OTIS, Le Sueur, Le Sueur co., Minn., was born in New Hampton, N. H., June 19th, 1817. He was educated at the New Hampton academical institution, and pursued his medical studies in the med. dep't of Dartmouth coll., at Hanover, N. H., and at the Jefferson med. coll., Philadelphia, graduated at the former in Nov., 1841, and at the latter in March, 1842. He settled first at New Hampton in the last-named year, where he remained till 1852. In the following year he removed to New London, N. H., where he practised till 1856. He then permanently established himself in Le Sueur, in general practice, but giving special attention to surgery, in the practice of which he has successfully performed various major operations. He is a member of the Minn. State med. soc., was its president in 1875, and again elected in June, 1877. During the war, from April, 1863, to Dec. of the same year, he was ass't surgeon of the 2d Minn. reg., infantry. From 1865 to 1875 he was an examining surgeon for pensions. In Jan., 1845, he married Narcissa V., daughter of Joseph Smith, Esq., of Shoreham, Vt.

ANDREWS, ABIEL W. K., Binghampton, N. Y., was born in Warren, Knox co., Maine, May 12th, 1833, of American parentage. His early and academical educations were obtained in Warren, and his medical at the university of Michigan, whence he graduated M. D. in 1865. He had previously entered the med. dep't of the U. S. army and served two years and a half before graduating, and after receiving his degree reentered it and remained in service till the close of the war. He then located himself in Alexandria, and in 1868 removed to Binghampton. He is a member of the Brown co. med. soc., and in 1873–74 held the positions of its vice-president and president. In July, 1867, he married Virginia P., daughter of A. C. Harmon, Esq., of Alexandria, Va.

FARRAND, DAVID OSBURN, Detroit, Mich., was born in Ann Arbor, April 23d, 1838, of American parentage. He was educated at the Mich. univ., Ann Arbor, and in Germany, and pursued his medical studies at the coll. of phys. and surg. in New York, graduating from the latter in March, 1863, and entering the regular army as ass't surg., he remained till he resigned in 1866, and then settled in Detroit. He is a member of the Am. med. asso.; of the Mich. State med. soc.; and of the Detroit med. and literary asso., and member of the judicial council of the latter. For six years he was a member of the Detroit school board; is surg. to Harper's hosp. in Detroit, and of the Detroit metropolitan police; also surg.-in-chief of the Michigan Central railroad; and chief medical examiner of the Michigan Mutual life insurance company.

TAYLOR, WILLIAM HENRY, Richmond, Va., was born in Richmond, May 17th, 1835. He received his medical education at the med. coll. of Va., whence he graduated M. D. in 1856, settling immediately after in Richmond, and making a specialty of chemistry and medical jurisprudence. He is a member of the med. soc. of Va.; of the Richmond acad. of med.; and of the Am. chemical soc. His contributions to medical literature have been various, and mainly on chemical topics. He is prof. of chemistry in the med. coll. of Va.; prof. of natural sciences

in the Richmond high school, State chemist and assayer of Va., member of the board of health of Richmond, and coroner of that city. During the war he was ass't surg., and subsequently surg. of 19th reg. Va. infantry, serving during the entire war in the Confederate States army.

MCINTOSH, JAMES, Newberry, S. C., of Scotch descent, was born at Society Hill, Darlington co., S. C., Feb. 27th, 1838. Educated at the S. C. coll., and at the med. coll. of the State of S. C., he was graduated M. D. from the latter institution in March, 1861. In June, 1865, he established himself at Newberry, engaging in a general practice, but paying especial attention to the treatment of diseases of women and children. He is a member of the S. C. med. asso., and was president of that body from April, 1874, to April, 1876. Of his published writings may be mentioned: "Dysmenorrhœa: its Treatment with Quinine and Dat. Stramonium," Transactions S. C. med. asso., 1872; "Cerebro-Spinal Meningitis," *ibid.*, 1873; "Ergot: its Hypodermic Use in Controlling Hemorrhage," *ibid.*, 1875. In 1861 he enlisted in the 8th S. C. reg., and served during the summer campaign, taking part in the first battle at Manassas Junction. In Oct., 1861, he was commissioned ass't surg., Confederate States army, and in this capacity served during the entire war, being assigned to duty in the hosp. at Charlottesville, Va., until 1865, when he was ordered south and charged with the establishment of a hospital at Newberry. He married, Nov. 25th, 1862, Frances Caldwell, daughter of Francis B. Higgins, Esq., of Newberry.

WELLS, FRANK, Cleveland, O., son of Charles Bartlett and Maria Louisa (Binney) Wells, was born in Boston, Oct. 11th, 1841. Educated at the Boston public Latin school, Harvard univ., univ. of Vienna, univ. coll. hosp., London, and a student also in Paris and Dresden, he graduated M. D. from the Harvard med. school in 1868, and master of obstetrics from the univ. of Vienna in 1869. Returning to America, he practised for a short time in Andover, Mass., and in 1870 established himself in Cleveland, making specialties of obstetrics and diseases of women. A second visit to Paris was cut short by the siege during the Franco-Prussian war. He is a member of the Cuyahoga co. med. soc., secretary in 1871, president in 1876, and a fellow of the London obstet. soc. Among his published writings may be mentioned "Obstetrics in Vienna," *Boston Medical and Surgical Journal;* and "Filth in its Relation to Disease." Since 1876 he has been health officer of Cleveland. In 1863 he enlisted in the 45th Mass. reg., and in 1864 was appointed acting ass't adjutant-general. He is at present (1877) prof. of obstet. and diseases of women and children in the Cleveland med. coll., and is secretary to the faculty of that institution; is a member of the board of consulting phys. and managers of the Cleveland city hosp.; is med. examiner to John Hancock life insurance company, and was in 1869 one of the house phys. to the Rotunda hosp., Dublin, Ireland. He married, Aug. 17th, 1870, Gertrude, daughter of the late Edgar Huidekoper, Esq., of Meadville, Pa.

SEGUIN, EDOUARD, New York, son of T. O. Seguin, was born in Clamecy, Department of Nièvre, France, Jan. 20th, 1812. Educated at the colls. of Auxerre and St. Louis, Paris. His life has been mainly devoted to formulating and putting into practice a rational and effective system for the physiological training and education of idiots; a noble work in which he was for a long time absolutely alone, and in which at the present day he is, throughout the world, the recognized leader. So early as 1837 he commenced treating an idiotic boy with the advice of Itard, later with Esquirol; and before 1839 opened the first school for idiots. This school and the first exposition of the method used in it, published in the Annales d'Hygiène, was the mother of the seventy-five institutions for idiots since erected in civilized countries, eleven of which in the United States are among the most flourishing. Dr. Edouard Seguin is now the president of the Am. asso. of the med. officers of these institutions. After the revolution of 1848 he came to the United States, and during the ensuing ten years was resident in Ohio, at first in Cleveland, and subsequently in Portsmouth. After revisiting France he established himself in New York, where he completed his studies, interrupted by his practical labors and emigration, and graduated M. D. at the univ. coll. in 1861, and has since been a resident of that city. He was elected a member of the Am. med. asso. in 1862. Since 1866 he has devoted much time to the study of animal heat, adding greatly to the fund of knowledge concerning this subject by the instruments that he has invented, and the methods of thermography which he has devised. In 1873 he represented, as commissioner of education, the U. S. government at the Vienna exposition. He has been for many years a most industrious author, and his collected writings constitute in themselves an excellent working library

so far as his specialty is concerned, and are far from inconsiderable in other fields. Among his more important publications are "Resumé de ce que nous avous fait Pendant Quatorze Mois" (with Esquirol); "Conseils à M. O.—sur de l'Éducation de son Enfant Idiot," 1839; "Théorie et Pratique de l'Éducation des Idiots," part first, 1842, part second, 1843; "Hygiène et Éducation des Idiots," 1843; "Images Graduées a l'Usage des Enfants Arriérés et Idiots;" "Traitment Moral Hygiène, et Éducation des Idiots, et des autres Enfants Arriérés," 1846—the latter the standard authority; "J. R. Pereire, Premier Instituteur des Sourds et Muets en France," 1847; "Historical Notice of the Origin and Progress of the Treatment of Idiots," Trans. Dr. J. S. Newberry, 1852; "Idiocy and its Treatment by the Physiological Method," revised by the son of the author, Dr. E. C. Seguin, 1866; "New Facts and Remarks Concerning Idiocy," 1870; "Medical Thermometry" (with Wunderlich), 1871; "Prescription and Clinic Records," 1865–77; "Mathematical Tables of Vital Signs," 1865–77; "Thermometres Physiologiques;" "Manual of Thermometry for Mothers, Nurses, Teachers," etc., 1873; "Official Report on Education (strictly Physiological), at the Vienna Exhibition of 1873," 1875; "International Uniformity in the Practice and Records of Physic," and "Medical Thermometry and Human Temperature," 1876.

JUDSON, ADONIRAM BROWN, New York, son of Adoniram and Sarah Hall Boardman Judson, grandson, paternally, of the Rev. Adoniram Judson, of Plymouth, Mass., and, maternally, of Ralph Hall, of Skaneateles, N. Y., was born at Maulmain, Burmah (where his father was stationed as a missionary), April 7th, 1837. Graduating A. M. from Brown univ. in 1859, he attended lectures at Jefferson med. coll., whence he graduated M. D. in 1865, and at the New York coll. of phys. and surg., whence he graduated M. D. in 1868. Establishing himself in New York, he made a specialty of orthopœdic surgery—a branch of his profession in which his practice has proved highly successful. He is a member of the Am. med. asso.; Am. public health asso., and of the following New York socs.: county med., medico-historical, acad. of medicine, being secretary of the surgical section in 1876; acad. of sciences; for the relief of widows and orphans of medical men; public health asso., and Medical Journal asso. His published writings have been confined to the transactions of the several societies of which he is a member, and to the reports of the New York board of health, 1869 to 1876 inclusive. Among his most noteworthy papers have been—"History and Course of the Epizoötic among Horses upon the American Continent in 1872–73;" "Report upon the Course of Cholera through Two Hundred Towns and Cities in the Mississippi Valley in 1873;" "The Relations of Sanitary Inspectors to the Medical Profession," and "The Cause of Rotation in Lateral Curvature of the Spine," Transactions of the New York acad. of med., 1876, p. 315. He was appointed, April 19th, 1869, ass't sanitary inspector in the New York health dep't, subsequently holding the positions of inspector and ass't sanitary superintendent, and resigning office Jan. 1st, 1877. He has served as visiting phys. to the northwestern dispensary, and as ass't surg. to the New York orthopœdic hosp. and dispensary, and is at present (1877) clinical ass't to the chair of orthopœdic surgery in the univ. of New York; orthopœdic surg. to Bellevue hosp. out-patients, and lecturer on orthopœdic surgery to the woman's med. coll. of the New York infirmary. In 1861 he entered the U. S. navy as ass't surg., was promoted to be passed ass't surg. in 1864, and to be surg. in 1866, and in 1868 resigned his commission. He married, Nov. 19th, 1868, Anna Margaret, daughter of Peter N. Haughwout, Esq., of Port Richmond, Staten Island.

JONES, JOSEPH, New Orleans, La., a great-grandson of Major John Jones, of the continental army, killed at the siege of Savannah; a grandson of Captain Joseph Jones, who served in the war of 1812, and son of Rev. Charles Colcock Jones, D. D., was born in Liberty co., La., Sept. 6th, 1833. Educated in the univ. of S. C., the coll. of N. J., Princeton, and the med. dep't of the univ. of Pa., he was graduated M. D. from the last-named institution in 1855, and in the same year established himself at Savannah. He is a member of the board of health of the State of La.; New Orleans med. and surg. asso.; an hon. fellow of the Va. State med. soc.; asso. member of the Philadelphia coll. of phys. and a member of the Am. med. asso. Of his professional publications may be mentioned: "Chemical and Physiological Investigations," Smithsonian, C. to K., 1856; "Observations on Malarial Fever," Transactions Am. med. asso., 1859; "Albinism in Negro Race," 1869; "Mollities Ossium," 1869; "Observations on Hospital Gangrene and Military Prisons," 1866; "Observations on Yellow Fever," Medical and Surgical Memoirs, 1876; "Explorations of the Aboriginal Remains of Tennessee," Smith-

sonian, C. to K., 1876, etc. In 1862 he was commissioned a surg. in the Confederate States army, and served during the war. In 1856–57 he was prof. of chemistry in the med. coll. of Savannah; in 1857–58 prof. of natural sciences in the univ. of Ga.; in 1859–60–61 prof. of chemistry in the Ga. med. coll., and since 1869 has been prof. of chemistry and of clinical medicine in the univ. of Louisiana.

ARMSTRONG, JAMES FOWKES, Cleveland, O., of mixed Scotch, Irish, and English ancestry, was born in Germantown, Ohio, Oct. 3d, 1840. He was educated at a collegiate institute in his native town, and pursued his medical studies at the Western Reserve coll., Cleveland, O., whence he graduated in the spring of 1864 (and also received the *ad eundem* degree from the med. dep't of Wooster univ. in the spring of 1877), settling in Cleveland in general practice. He attended Prof. Horatio R. Storer's private course of instruction to physicians on surgical diseases of women, and received a certificate for the same in June, 1870. He is a member of the Cuyahoga co. med. soc., and corres. member of the Boston gynæcol. soc. He was a member of the board of health of Cleveland from 1872 to 1875; was health officer in 1871–72; and surg.-in-charge of U. S. Marine hosp., 1872 to 1876; surg.-in-charge of city hosp., connected with city infirmary at this time. Was demonstrator of anatomy in Western Reserve med. coll. in 1865–66, and subsequently prof. of physiol. and microscopic anat. in med. dep't of Wooster univ. from 1868 to 1872, inclusive. He was a private in the 9th Ind. legion vol., and subsequently commissary sergeant by promotion in the same, at the beginning of the war; afterwards, in 1864, ass't surg. in the 150th reg. Ohio N. G.; and surg.-in-charge at Camp Cleveland. In May, 1865, he married Annie M., daughter of John and Margaret C. Kirkpatrick, of Cleveland, Ohio.

BLACK, JAMES R., Newark, O., was born near Glasgow, Scotland, March 3d, 1827. His literary education was obtained at Granville coll. (now Dennison univ.), Ohio, and his medical education at the Ohio med. coll.; and at the med. dep't of the univ. of the city of New York, where he graduated in 1849. He first went to Milwaukee, Wis., then to Linville, Licking co., O., next to Cambridge, O., and since 1863 has been settled at Newark. His specialties are etiology and hygiene. He is a member of the Ohio State med. soc.; of the Licking co. med. soc.; of the Am. public health asso.; of the Am. med. asso.; of the Zanesville acad. of med., etc., etc. He is the author of "Ten Laws of Health" (Lippincott & Co., Phila.); essay on "The Cause of Remittent and Intermittent Fevers," Transactions of Am. med. asso., and many other papers of a minor character. He holds the position of prof. of hygiene in Columbus med. coll. During the war he was surg. of the 113th Ohio vol. infantry, and afterwards med. director of Gen. Gilbert's staff. He married, in 1851, Sarah Lockwood, of New York, who died in 1864; in 1865 he married Annie E., daughter of Israel Dille, Esq., of Newark, O.

SELL, EDWARD H. M., New York, son of Samuel Sell, whose grandfather came from Canton Berne, Switzerland, and of Mary (Miller) Sell, granddaughter of Conrad Miller, a drummer of the revolution, who was born in Würtemberg, Germany, was born in Lehigh co., Pa., Aug. 16th, 1832. His education was obtained in a Friend's school at Quakertown; Allentown seminary (now Muhlenburg coll.); and at Gettysburg, and received the degree of A. B. in 1856, and A. M. in 1859 from the Pennsylvania coll. at that place. He studied medicine in the Bellevue hosp. med. coll., New York, and graduated M. D. in March, 1866; also that of master of obstetrics in the univ. of Vienna, in March, 1872. After graduating and practising for four and a half years, he visited during three years all the principal hospitals in all the large cities of Europe, viz.: Paris, Vienna, Berlin, London, Edinburgh, Dublin, etc., and on returning located himself again in New York in general practice, but making a specialty of gynæcology and obstetrics. He is a member of the county med. soc. of New York, elected in 1866, its censor in 1876; of the medico-legal soc. since 1867; of the Am. med. asso. since 1867; of the New York patholog. soc., elected in 1868; fellow of the New York acad. of med., elected in 1870, also of its sections of obstetrics, and theory and practice of medicine; and fellow of the obstet. soc. of London in 1873. He is also a member of the society of German naturalists and physicians, and was delegate to the forty-fifth annual meeting at Leipzig, in Aug., 1872; also delegate to the British med. asso. from the Am. med. asso. in 1870 and 1873. His contributions to professional literature are: "Puerperal Eclampsia," *Medical and Surgical Reporter;* "Opium Poisoning in Children, with Recovery by Use of Electricity," *Physician and Pharmacist*, vols. 2 and 7; "A Case of Complete Uterus Bicornis," *ibid.*, vol. 5; "Fibroid Polypus Uteri," *ibid.*, vol. 7; "Obstetrics in Vienna," *ibid.*, vols. 7 and 8; "Tapping Ovarian Cysts;" "Ovariotomy"

and "Ovarian Tapping," *ibid.*, vol. 8; "Cystic Tumor of Vagina," *ibid.*, vol. 9; "Amputation of Neck of Uterus," *ibid.*, vol. 10; "Procidentia Uteri," *ibid.*, vol. 10, etc., etc. He is also editor of the *Physician and Pharmacist.* Since 1873 he has been phys. to the Northeastern dispensary for diseases of head and abdomen; and also held the same position for diseases of women in the same institution. Since July, 1874, he has been phys. for diseases of women to the Eastern dispensary.

CLARK, JOSEPH EDWIN, Brooklyn, N. Y., was born in Petersburg, N. Y., April 4th, 1823. His ancestors emigrated from England, and settled in Newport, R. I. He graduated at the Rensselaer polytechnic institute, Troy, N. Y., in 1845, and at the coll. of phys. and surg. of New York city, in 1849. He first settled in Oriskany, N. Y., whence in 1851 he removed to Brooklyn, N. Y. He is a member of the Kings co. med. soc., and Am. med. asso. He was formerly attending phys. to the Long Island coll. hosp., and is now to St. Peter's hosp. in Brooklyn. He was married in 1851 to Frances Perry, daughter of Abner Perry, of New Lebanon, N. Y.; and in 1872 to Juliet Sherwood Rosevelt, daughter of Dr. J. Sherwood, of Southport, Conn.

BUCKLER, RIGGIN, Baltimore, Md., son of Dr. John Buckler, for more than fifty years a practitioner of medicine in Baltimore, was born in Baltimore, Nov. 4th, 1831. He graduated in 1851 at Harvard univ., and took his M. D. degree at the univ. of Maryland in 1853. He visited Europe and remained there four years in hospital service. On returning in 1857 he settled in Baltimore in general practice. He is a member of the medico-chirurgical faculty of Md., and also of the academy of medicine. He has twice held the appointment of surg.-gen. of the State of Md., having been appointed by Gov. Swann and Gov. Whyte.

BUSH, LEWIS POTTER, Wilmington, Del., great-great-grandson of Christopher Bush, who accompanied William, Prince of Orange, to England, was born in Wilmington, Del. He was educated in Wilmington, and at Latta's acad., Chester co., Pa., graduated A. B. from Jefferson coll., Cannonsburg, Pa., in 1832, and M. D. from the univ. of Pa. in 1835. After being sixteen months an interne at Blockley almshouse he settled in Wilmington, in general practice. He is a member of the Am. med. asso.; of the Del. State med. soc.; corres. secretary of the Del. historical soc.; and member of the Pa. and Va. historical socs.; and a member of the board of trustees of Delaware coll. at Newark. He is the author of "Yellow Fever on the Brandywine in 1845;" of a paper read before the Delaware medical society in 1845 on "Typhoid Fever and its Diagnosis from Typhus Fever," *ibid.*, 1850; "Typhoid Epidemic in Wilmington in 1847–48–49;" "Report on Climatology and Epidemics of Delaware during Seventy-five Years," read before the American med. asso. in 1872; "Report on the Health of Wilmington," etc., 1863. In 1839 he married Maria, daughter of Morgan Jones, Esq., of Wilmington.

BATEMAN, ROBERT MORRISON, Bridgeton, N. J., son of Dr. B. Rush Bateman, and a grandson of the Hon. Ephraim Bateman, was born in Cedarville, Cumberland co., N. J., Sept. 14th, 1836. Having received his literary education at the coll. of N. J., he entered the med. dep't of the univ. of Pa., whence he graduated M. D. in March, 1859. In the latter year he established himself in general practice in Cedarville, where—save during 1862–63—he remained until May, 1877, when he removed to Bridgeton. He is a member of the Am. med. asso.; of the N. J. State med. soc., essayist in 1874 and 1875; and an hon. member of the Cumberland co. med. soc., of which he was reporter in 1865, president in 1866, and historian in 1867. His most important published work is the "History of the Medical Men, and of the District Medical Society of the County of Cumberland, N. J." He has contributed a number of papers to the leading medical periodicals; has been a considerable contributor to the magazines of the day, and is well known in southwestern New Jersey as a lecturer. He has filled various local offices in Cumberland co. In Sept., 1862, he was appointed ass't surg. to the 25th N. J. reg.; was promoted surg.-in-charge in Jan., 1863, and honorably discharged the service with his regiment in June of the latter year. He is medical examiner to the Mutual life insurance company of New York, the Ætna of Hartford, and the American of Philadelphia. He married, (1) April 7th, 1859, Cornelia H., only child of Dr. E. E. Bateman, of Cedarville; and (2) June 14th, 1876, Louie L. Goff, granddaughter of George M. Swing, Esq., of Fairton.

CARRIGAN, ANDREW NEEL, Washington, Hempstead co., Ark., was born in Carbarrus co., N. C., Jan. 3d, 1828. His literary education was obtained at Oglethorpe univ., Ga., and he pursued his medical studies

in the med. coll. of S. C., graduating M. D. in March, 1856. He located himself first in Union co., N. C., and after two years removed to Union co., Ark. Here he remained for fourteen years, and then removed to Lancaster, Texas. After two years he settled in Washington. His practice is general. Among the surgical cases performed by him was a successful case of Cæsarean operation after the death of the mother. The child lived three days and subsequently died from neglect. He is a member of the Union co. med., and of the Hempstead co. med. socs., and of the med. soc. of the State of Ark., is now president of the latter; and of the Am. med. asso. He is the author of a paper on "Opium Poisoning," and "On Alcohol." He was two years ass't surg. in the Confederate army during the rebellion. In 1858 he married Mary J., daughter of N. W. Reed, Esq., of Three Creeks, Ark.

PERNOT, HENRY, Van Buren, Ark., son of Denis Etienne Pernot, prof. of rhetoric and philosophy for thirty years, and for eight years inspector of colleges of the royal university of France, and of Enielie Anne de Monthulé, was born in Thouars, Aug. 1st, 1820. Educated at the royal coll. of Poitiers, and at the école de médicine, Paris, a student at the latter from 1837 to 1847, he emigrated to America, and after attending lectures at the St. Louis med. coll., graduated thence M. D. in 1851. From March, 1847, to April, 1849, he practised at Prairie du Rocher, Ill.; from April, 1849, to March, 1852, at Sainte Geneviève, Mo., and since March, 1852, save during the late war, at Van Buren, Ark. He is a member of the Crawford co. med. soc., treasurer in 1875–76, and now president of said society. His most important professional publication is a paper entitled "De l'Ipecacuana dans le Fièvre Puerperale," 1848. Since 1860 he has been county and jail physician. In 1861 he was appointed a surg. in the Confederate States army; was detailed to hospital duty, and served until the end of the war. He married, Sept., 1851, E. A., daughter of Dr. Ichabod Sargeant, of Sainte Geneviève, Mo.

VARICK, THEODORE ROMEYN, Jersey City, N. J., descended from Dutch emigrants to this country about 1680, son of John V. B. and Anna Maria (Romeyn) Varick, was born in Dutchess co., N. Y., June 24th, 1825. His professional education was received in the univ. of New York, whence he was graduated M. D. in March, 1846, and during the ensuing two and a half years he practised in the city of New York, and was attending phys. to the New York dispensary. In the autumn of 1848 he finally established himself in Jersey City. He is a charter member of the Hudson co. med. soc.; a member of the Jersey City patholog. soc.; of the N. J. State med. soc., president in 1864; of the N. J. acad. of med., first president in 1874; hon. member of the N. Y. State med. soc.; member of the New York acad. of med.; of the New York neurolog. soc., and of the Am. med. asso. Since 1869, he has been surg.-general of N. J.; was a member in 1876 of the Centennial medical commission for N. J.; since 1871 has been surg. to St. Francis hosp., and since 1868 surg. to the Jersey City charity hosp.; member of the State board of health of N. J. Of his professional publications may be mentioned "Urticaria Produced by Hydrocyanic Acid;" "Use of Nitrate of Silver in Acute Laryngitis," and "Complete Lateral Luxation of the Radius and Ulna, outward to the Radial Side," *New York Medical Record.* He married, 1847, Adelia, daughter of William Woolsey, Esq., of Jersey City. His eldest son, William Woolsey Varick, was graduated M. D. from Bellevue hosp. med. coll. in March, 1876, and at present (1877) is ass't surg. to St. Francis hosp., Jersey City.

KEYES, EDWARD LAWRENCE, New York, son of General E. D. Keyes, U. S. army, was born in Charleston, S. C., Aug. 28th, 1843. Graduating A. M. from Yale coll. in 1863, he entered the med. dep't of the univ. of New York and graduated thence M. D. after special examination in Jan., 1866. The ensuing year and a half he spent in professional study in Europe, mainly in the hospitals of Paris, paying especial attention to genito-urinary, venereal and skin diseases. In the fall of 1867 he returned to America and established himself in practice in New York. Since 1870 he has been in partnership with Prof. W. H. Van Buren. He is a member of the New York co. med. soc.; patholog. soc., vice-president in 1873 and in 1877; dermatolog. soc., president in 1875–76; med. journal asso., and Am. dermatolog. asso. In 1876 he was a delegate to the International medical congress at Philadelphia. Among his more important publications may be mentioned "Syphilis of the Nervous System," *New York Medical Journal*, Nov., 1870; "Galvano Puncture of Abdominal Aneurism," *New York Medical Journal*, Dec., 1871; "The Internal Treatment of Syphilis," Transactions International medical congress, 1876; "Tonic Treatment of Syphilis," Appleton & Co., New York, 1877, pp. 80, and with Prof. Van Buren, "Genito-Urinary

Diseases with Syphilis," 1 vol., pp. 668, D. Appleton & Co., 1874. In 1871 he was appointed lecturer on dermatology and instructor in surgery in Bellevue hosp. med. coll.; since 1872 he has been prof. of dermatology, and since 1875 adjunct prof. of surgery in the same institution. Since 1872 he has been consulting dermatologist to the Bellevue bureau of out-door relief; since 1876 visiting surg. to Bellevue hosp.; was from 1871 to 1876 surg., and since 1876 has been consulting surg. to the Charity hosp. He married, April 26th, 1870, Sarah M., daughter of Mr. Loughborough, of Georgetown, D. C.

HEDDENS, WILLIAM IRVING, St. Joseph, Mo., son of James and Martha Heddens, the former of Pennsylvania, the latter of South Carolina, was born in Preble co., O., Feb. 14th, 1828. His literary education was received at the Cincinnati schools. His professional education at the Jefferson med. coll. of Philadelphia, his degree of M. D. being conferred by the latter institution in 1855. Until 1858 he practised at Barbourville, Ky.; since that date has been established at St. Joseph. He is a member of the St. Joseph med. soc., president in 1877; of the northwestern Mo. med. soc., president in 1875 and 1877; Mo. State med. soc., vice-president in 1876, and in 1876 was a delegate thence to the International medical congress at Philadelphia. In 1869 and 1870 he was editor of the *St. Joseph Medical Journal*, and to other professional periodicals has contributed occasional articles. Has devoted his life to general practice. He married, March 24th, 1854, Catherine, daughter of Richardson Adams, Esq., of Barbourville, Ky.

DRAPER, JOHN CHRISTOPHER, New York, eldest son of Prof. John William Draper, was born in Mecklenburgh, Va., March 31st, 1835. He was educated at the univ. of the city of New York, from the med. dep't of which he graduated in March, 1857, settling permanently in New York. From March, 1856, to July, 1857, he was house phys. and surg. to Bellevue hosp.; from Dec., 1858, to 1871, prof. of analytical chemistry in the univ. of New York; and from 1860 to 1863, prof. of chemistry in the Cooper Institute. Since 1863 he has been prof. of natural history and physiology in the coll. of the city of New York; and since 1866, prof. of chemistry in the med. dep't of the univ. of New York. In July, 1873, he received the degree of LL. D. from Trinity coll. He is a member of the New York acad. of medicine, of the New York Century club. His principal contributions to medical literature are papers bearing the following titles: "Is the Urea in Urine due to Muscular Motion?" *New York Journal of Medicine*, Feb., 1856; "Experiments on Respiration," *New York Medical Times*, July, 1856; "Experiments on Insensible Perspiration," New York acad. of medicine, May, 1867; "Experiments on Adulterations of Coffee," New York acad. of medicine, May, 1867; "The Production of Muscular Force," *Medical Record*, Aug., 1867; "Determination of Arsenic in Poisoning (Improved Process)," *American Chemist*, 1872; "Heat of the Body and Effects of Cold," *American Journal of Science*, 1875; and "Experiments in Quinine," *American Journal of Science*, 1875. He is now engaged in publishing in the *American Journal of Science* a series of papers on Diffraction gratings, and the measurement of the wave lengths of the lines of the ultra violet region of the solar spectrum." In 1862 he served as a surg. of U. S. vols. He was married in Nov., 1864, to Charlotte E. Whitehead.

HUTCHINSON, EDWIN, Utica, N. Y., was born in Utica, N. Y., Feb. 1st, 1840. He was educated at the Utica acad., and at Yale coll., graduating from Yale scientific school with the degree of Ph. B. in 1860, and studied medicine at the Long Island med. coll., and at the coll. of phys. and surg. of New York city, whence he graduated M. D. in 1866, settling immediately after in Utica. His specialty is surgery, in the pursuit of which he has made ophthalmology his principal study. He is a member of the Oneida co. med. soc., was its vice-president in July, 1875; permanent member of the N. Y. State med.; the Am. ophthalmolog., and the Am. microscop. socs. His contributions to medical journals consist among others of "Compound Fracture of the Skull with Hernia Cerebri," *American Journal of Insanity*, Oct., 1868; "Malignant Tumor of Orbit," N. Y. State med. soc. Transactions, 1872, and "Hospital Construction," report of N. Y. State board of charities, 1875. He was medical cadet U. S. army in 1861 and 1862; ass't surg. of 3d Maryland vols. from 1863 to 1864; surg. of 137th New York vols. from 1864 to 1865; was in charge of Gen. Geary's division hosp. in the march through Georgia under Gen. Sherman, and also of the 20th army corps hosp. at Savannah. He has been since 1866 surg. in charge of St. Elizabeth's hosp., Utica.

PERCY, SAMUEL R., New York, a lineal descendant of Sir William de Percy, born in 1485, second son of Henry,

fourth earl of Northumberland — was born at Frome-Selwood, Somersetshire, England, April 24th, 1816. Having received his primary education at the Charterhouse school, he came to America in 1834, studied medicine at the New York coll. of phys. and surg., and in the med. dep't of Columbia coll.; receiving his degree of M. D. from the latter institution in 1846. He was for four years subsequent to his graduation ass't to Prof. John Torrey, and also to Prof. J. B. Beck, in the coll. of phys. and surg., New York. Establishing himself in New York, he made specialties of therapeutics and chemistry. As a chemist he has made several important discoveries, and has written freely for the leading scientific journals. Concerning his work, for several chemical discoveries, see Centennial report on Chemistry. His report on "City Milk," published in 1859, was potent in putting a stop to the sale of milk from swill-fed cows in New York and in other cities. His papers read before the Am. med. asso. in 1863, 1866, 1872, took the prizes offered by that body, and he was for like cause the recipient of the prizes of the alumni asso. of the med. dep't of Columbia coll. in 1866–67–68, and of the prize of the med. soc. of the State of N. Y. in 1876. He is prof. of mat. med. in the New York med. coll.; of mat. med. and chem. in the New York coll. of dentistry; of mat. med. and chem. in the Am. coll. of veterinary surg., and of mat. med. and chem. in the Am. veterinary coll. For the past ten years he has been phys. to Mt. Sinai hosp. He married, Sept. 6th, 1838, Jane M., daughter of James Sweet, Esq., of Dutchess co., N. Y.

ROBINSON, BEVERLY, New York, son of Moncure Robinson, was born in Philadelphia, March 22d, 1844. Receiving his preparatory education at Fairies' school, and in the collegiate dep't of the univ. of Pa., he graduated from the dep't of arts of the last-named institution in 1863, and subsequently pursued his medical studies at the univ. of Paris, whence he graduated in 1872. Returning to America, he established himself in general practice in New York. He is a member of the New York patholog. soc.; member of the New York laryngolog. soc., at present (1877) its vice-president; fellow of the New York acad. of medicine, etc. Among his contributions to medical periodical literature may be mentioned the following papers: "Cardiac Thrombosis in Diphtheria;" "A Contribution to the Study of Post-Nasal Catarrh;" "On Certain Physical and Rational Signs in Effusions of the Pleura;" "On the Pathogenetic Physiology of Follicular Disease of the Throat and Air-Passages;" "On the Treatment of Diphtheria by Cubebs," etc. He is phys. to the New York charity hosp.; surg. to the Manhattan eye and ear hosp., and lecturer on diseases of the throat at Bellevue hosp. med. college.

PARDEE, ENOCH HOMER, San Francisco, Cal., was born in Rochester, N. Y., April 1st, 1827. Took his first course of medical lectures in Ann Arbor, Mich., and subsequently graduated at the Rush. med. coll., Ill. Located in San Francisco in 1852, he made diseases of the eye and ear a specialty. Is a member of the State medical board and of the Alameda co. soc. (having made Oakland his place of residence for the past ten years, which is located in Alameda co.) For five years a member of the Oakland city council, and in 1871–72 represented Alameda co. in the State legislature, and was elected mayor of the city of Oakland in 1875; re-elected to the same position for the current year. Is a widower, and has an only son of eighteen years, who is now in junior class of the State university of California.

MONTGOMERY, JOSEPH FAUNTLEROY, Sacramento, Cal., of Irish Protestant descent, son of Joseph and Jane (Woods) Montgomery, was born in Nelson co., Va., Nov. 15th, 1812. Having received an English and classical education, he entered the med. dep't of the univ. of Va., was graduated thence M. D. in July, 1833; attended lectures at the univ. of Pa. during the ensuing winter, and was thence graduated M.D. in March, 1834. In the latter year he began practice in Nelson co., Va.; removed thence in 1836 to Jackson, Miss.; returned to Nelson co. in 1842, and in 1850 finally established himself in Sacramento. Of his notable cases may be mentioned successful operations for hepatic abscess, for radical cure of hydrocele, hemorrhoids and fistula in ano, excision of tonsils, for strangulated inguinal hernia, urethrotomy, for radical cure of stricture of the urethra by internal section, both inward and outward; successful treatment of gunshot and knife wounds penetrating the chest and wounding lungs; knife wounds of the abdomen with protrusion of omentum, etc., etc. He is a member of the Sacramento soc. for med. improvement, was president in 1874; of the Cal. State med. soc., vice-president in 1859 and again in 1871; and of the Am. med. asso. Since 1870 he has been a member of the Cal. State board of health. His more important professional publications are to be found in the transactions of the several

societies of which he is a member:—papers upon "Burns and Scalds," "Treatment of Typhoid Fever," "Fracture of the Inferior Maxillary Bone, with New Apparatus for its Treatment," "Adulteration of Food, Drinks and Drugs;" reports on "Medical Education" and "Public Hygiene and State Medicine," contributions to the State board of health. In 1838 he held the position of inspector, and in 1840 phys. to Miss. State penitentiary; in 1853 he was city phys. to Sacramento; during 1869–70 and in 1874–75 a member of the Sacramento school board. He has also held the position of president of the board of education of the same city.

PENNINGTON, SAMUEL HAYES, Newark, N. J., a descendant from one of the first settlers in Newark, was born in Newark, Oct. 16th, 1806. He studied medicine with the Rutgers med. faculty of Geneva coll., N. Y., of which Dr. David Hosack was president, whence he graduated M. D. in 1829; his preliminary education having been obtained in Newark acad. and at Princeton coll., graduating from the latter institution A. M. in 1828. He settled in Newark in general practice. He is a member of the Essex co. dist. med. soc., and of the med. soc. of N. J., has been president of each—of the latter in 1848; hon. member of the Conn. med. soc.; corres. member of the med. soc. of Munich, and of the royal botanical soc. of Ratisbon. He has published various essays on medical and educational subjects. He was for many years a member and president of the board of education of Newark, and now holds the position of trustee of the coll. of N. J., of the Princeton theological seminary and of the Newark acad.—is president of the two latter boards. He is also president of the Newark city national bank. In 1836 he married Anna J. McLellan, daughter of Joseph Pope, Esq., of Portland, Me.

PENNINGTON, JOEL, Milton, Wayne co., Ind., was born in Warriormark township, Huntingdon co., Pa., Feb. 11th, 1799. His father, Paul Pennington, and his mother were native Americans of old Friends stock. He was educated at Springboro', Warren co., Ohio, and pursued his medical studies in the Ohio med. coll., graduating M. D. in March, 1847, and locating himself at Milton, where he has since remained, a period of nearly fifty-two years. At the beginning of his practice the country where he had settled was very sparsely populated, the distance between his patients requiring sometimes rides of fifteen or twenty miles, and these journeys he continued for twenty-five years. His practice, though general, was largely obstetric, and among the notable cases in this branch of his profession was a case of ruptured uterus, the child having passed into the abdominal cavity—she recovered. He was elected, in 1827, a member of the Wayne co. med. soc., and has been many times its president; is also a member of the Ind. State med. soc., was its president in 1872 and 1873; and permanent member of the Am. med. asso. He is also permanent member of the district med. soc. His contributions to medical science are confined to the societies of his vicinity; some, however, have been published in the medical journals of Cincinnati, the principal being the *Lancet and Observer*. In Sept., 1820, he married Ann, daughter of Oliver and Phœbe Matthews, of Springboro', Ohio.

WILSON, HENRY MERRYMAN, Baltimore, Md., grandson of John Merryman, an officer in the revolutionary army, and son of Luther Wilson and Achoah (Merryman) Wilson, the former being of English descent, was born in Baltimore, Feb. 2d, 1829. He received his classical education at Dickinson coll., Carlisle, Pa., graduating A. B. from that institution in 1848, and A. M. in 1851. He studied medicine in the univ. of Md. under Prof. Henry Willis Baxley, and graduated M. D. in 1850. He settled in Baltimore in general practice. In 1874 he held the position of president of the med. and chirurg. faculty of Md., and was secretary to the same for twelve years previous; he is now a member of its executive committee and of its committee of honor. In 1849 he was appointed clinical ass't to the univ. hosp. in Baltimore, and is now physician to the aged women's home and aged men's home of that city. He has besides at various times held a number of offices of honor and trust in the gift of his professional brethren. He has contributed various addresses and papers to the medical societies of the State; among them, to the medical society of Baltimore, on "Aphasia," etc., etc. In Oct., 1851, he married Elizabeth Kelso, daughter of the late Dr. Parker Hollingsworth, of Baltimore. His son, Dr. Luther B. Wilson, is his assistant in practice.

WELLFORD, JOHN SPOTSWOOD, Richmond, Va., son of Dr. Beverley R. Wellford, formerly president of the Am. med. asso., and the fifth in a direct line of members of medical men in England and this country, who were either surgeons or physicians, was born at Fredericksburg, Va., Jan. 4th, 1825. He studied medicine in the univ.

of Pa., and graduated M. D. from that institution in April, 1846, entering into partnership with his father and settling in Fredericksburg. He visited Paris in 1860 for the purpose of extended study, but returned after a year, owing to the civil commotion in this country. After the war, he settled in Richmond. He is a member of the med. soc. of Va.; of the Richmond acad. of med., of which he was president in 1874. He is the author of a report on "The Causes of Death from the Inhalation of Chloroform," published in the Transactions of the Virginia med. soc. for 1876. In 1868 he was elected prof. of mat. med. and therap. in the med. coll. of Va. (on the resignation of his father), which position he still holds. He served as regimental surgeon to the 9th Va. reg. Confederate States army, and was afterwards brigade surgeon to Armistead's brigade, till he was ordered to Richmond for hospital service, in which he continued till the close of the war. He married, in April, 1858, Emmeline, daughter of P. E. Tabb, Esq., of Gloucester county, Va.

GORDON, THOMAS WINSLOW, Georgetown, O., of Anglo-Scotch ancestry, and whose first progenitor in this country was Edward Winslow, a "Mayflower" pilgrim, was born in Warren, Trumbull co., O., Sept. 23d, 1819. His early education was obtained in the common schools of his neighborhood, and his literary and classical education at Warren acad. and from private tutors. He pursued his medical studies at the Western Reserve coll., from which he graduated in March, 1846, settling first in Bagetta, Trumbull co., O., removing to Georgetown in 1850. His specialty is diseases of women, although he has also made eye diseases a subject of particular study and treatment. He is a member of the Ohio State med. soc., elected in 1849, and was its first vice-president in 1876; of the Am. med. asso., elected in 1853; of the Adams and Brown cos. med. socs., elected in 1860; of the Brown co. med. soc., elected in 1865; hon. member of the Ind. State med. soc., elected in 1856; besides several literary societies. To the medical journals he has at various times contributed articles of much value to the profession and the people; among others on "Asiatic Cholera," "Scarlet Fever," "Dysentery," and various case reports, essays, etc. In 1857–58 he held the office of prof. of mat. med. and therap. in the Cincinnati coll. of med. and surg., and prof. of chemistry and pharmacy during 1858–59–60 in the same institution. In 1874 he was president of the Brown co. acad. of med. Since Nov., 1862, he has held the position of examining surg. for pensions, and also in 1861 was brigade surg. 1st brig. 5th div. Ohio militia and Ohio vol. militia. In 1862–63–64 was surg. of 97th reg. Ohio vol. infantry in U. S. army, and also military surg. of Brown co., Ohio, in 1865. He was a member of the International medical congress of 1876. Since the war he has been chairman of a number of county and congressional committees. In 1836 he married M. E. Scoville, of Trumbull co., O. She died in 1869. In Nov., 1872, he married L. N., daughter of the late Joseph Dugan, Esq., of Brown county.

HUNTER, JAMES BRADBRIDGE, New York, was born in Geneva, N. Y., April 30th, 1837, of English parentage. He passed the medical examining board and was appointed ass't surg. 60th reg. Ind. vols. in 1862, and later surg. of the same regiment. He graduated from the coll. of phys. and surg., New York, in 1866, and settled in New York city. He is a member of the Am. med. asso.; of the New York co. med. soc.; and of the obstet. soc. of New York. He holds the position of editor of the *New York Medical Journal.* He has been connected with the woman's hospital of New York since 1867, as house surg. and surg. to clinics; and is now ass't surg. on the staff of Dr. T. Gaillard Thomas. He is consulting surgeon to the New York infirmary for women and children.

DANA, ISRAEL THORNDIKE, Portland, Me., son of Rev. Samuel Dana, grandson of Joseph Dana, D.D., of Ipswich, Mass., and a descendant of Richard Dana, who immigrated to this country from England and settled in Cambridge, Mass., about 1640, was born in Marblehead, Mass., June 6th, 1827. He received his preliminary education in Marblehead acad., and with his father, and attended medical lectures at Harvard, where he graduated M. D. in 1850. He also studied at the coll. of phys. and surg. in New York, in Paris and in Dublin, during the years 1850–51–52. He settled in Portland in the last-named year, in general practice, but giving special attention to diseases of the heart and lungs. He is a member of the Portland natural history soc.; of the Cumberland co. med. soc.; and of the Maine State med. asso., of which he was elected president in 1868; also a member and one of the founders of the Portland dispensary; of the Portland school for medical instruction; and of the Maine general hospital. His contributions to professional literature consist of "The Use of Stethoscope in Determining Position of Fœtus in Utero,"

Boston Medical and Surgical Journal, Dec., 1852; "Actual Value of Medicines," lecture before the medical school of Maine, 1861; "Medical Esprit du Corps," address before Maine med. asso. in 1863; "Reports on Abortion;" on "Defective Drainage and Sewerage," Transactions Maine med. asso. for 1866 and 1871; "Historical Address" at opening of Portland school of med. instruction, 1874. During 1860–61 he was prof. of mat. med. at Bowdoin coll., and from 1862 to 1870 prof. of theory and practice in the same institution. He has also been one of the attending physicians of the Maine general hospital since its organization in 1875. For a short time during the war he was vol. surg. in the Armory Square military hosp. in Washington, D. C. In Sept., 1874, he married Caroline J. Starr, of Portland, who died in May, 1875. In Oct., 1876, he married Caroline B., daughter of Sylvanus R. Lyman, Esq., of Portland.

BURGE, JOHN HENRY HOBART, Brooklyn, N. Y., son of the Rev. Lemuel Burge, rector of the Protestant Episcopal church at Wickford, R. I., was born at Wickford, Aug. 12th, 1823. His preparatory education was received at home—his father had a widely extended reputation as an efficient tutor for young men preparing for college—and his professional education was begun under his grandfather, Dr. William G. Shaw, and uncle, Dr. William A. Shaw, well-known practitioners of North Kingston, R. I. He attended his first course of lectures at the Harvard med. school, and a second and third course at the univ. of New York, graduated M. D. from the latter institution in the spring of 1848. After graduation he spent a year in further study in New York, attending a special course of lectures at the New York hosp.—he had also attended a special course in 1847 under Dr. Aylett—and in clinical and office study. In Feb., 1849, he sailed, as ship's surgeon, to California, the company of emigrants of whom he had medical charge arriving in excellent health at San Francisco, after a seven months voyage. At Sacramento he opened a hospital in the cabin of the bark "Ann Welsh," in charge of which he remained until the vessel was sold in 1850. Subsequently practised in Sacramento—assisting in founding the first medical society in that town—and in 1850 sailed for New York *via* the Isthmus of Darien. During a considerable portion of his homeward voyage he was called upon to deal with Asiatic cholera. Until 1855 he practised in New York—being for two years attending phys. to the New York dispensary—and since 1855 has been established in Brooklyn. Between 1855 and 1858, in connection with his younger brother, Dr. Wm. J. Burge, he devoted much time to the experimental treatment of fractures, the result being the introduction of Burge's apparatus for fractured thigh; an appliance which, before the use of extension by adhesive plaster, was of great importance. Since the almost universal introduction of this method of extension the doctor does not consider such an apparatus essential to good treatment, but with the substitution of the plaster extension for the screw, it may often be extemporized to advantage. The apparatus is not in the market. A description of it will be found in Hamilton on "Fractures and Dislocations." He has also introduced to the profession a new mode of treating fracture of the patella, a throat forceps and a pistol-ball extractor, and has engaged in a series of successful experiments in the use of horse-hair ligatures. He is a member of the Am. med. asso.; of the N. Y. State med. soc.; of the Kings co. med. soc., orator in 1868, president in 1870–71, censor since 1872; of the New York neurological soc., vice-president in 1876; and of the Long Island College Journal asso., president in 1870. From 1858 to 1863 he was attending phys. to the Brooklyn central dispensary; since 1863 has been visiting surg. to the Long Island coll. hosp.; since 1870 consulting phys. to the Sheltering Arms nursery; since 1872 consulting phys. to St. John's hosp.; and from 1870 to 1875 was consulting phys. to the Brooklyn central dispensary. Of his professional publications may be mentioned: "On Fracture of Thigh," 1 vol., p. 56, 1858; "Hygienic Influences," oration, Transactions Kings co. med. soc., 1868; "Nature and Treatment of Croup;" "Mutual Relations of Physicians and Apothecaries," Transactions Kings co. med. soc., 1870; "Infant Diet," *Sanitarian*, June, 1876.

EVANS, JOHN, Port Deposit, Md., son of Robert and Isabella (Creigh) Evans, was born near Port Deposit, Cecil co., Md., April 25th, 1810. Having received an academic education, he entered the med. dep't of the univ. of Md., and graduated thence M. D. in 1832. In the same year he established himself at Port Deposit; removed to Havre-de-Grace, Harford co., Md., in 1838, and in 1870 returned to Cecil co. Since the latter date he has resided upon his farm near Port Deposit. He is regarded as the leading surgeon of Harford and Cecil counties. He is a member of the Harford co. med. soc., and of the med. soc. of Oxford, Chester co., Pa. In 1867 he served as a member of the constitutional convention of Maryland. He

married, June 6th, 1854, Rebecca N., daughter of Dr. John K. Sappington, of Hartford co., Md.

NEILL, JOHN, Philadelphia, Pa., was born in that city, July 9th, 1819. He is a son of Dr. Henry Neill, of Philadelphia, and of Martha Rutter (Duffield) Neill, the daughter of Dr. Benjamin Duffield, of the same city, who died in 1799; grandson of Dr. John Neill, of Snow Hill, Md., and great-grandson of John Neill, Esq., lawyer, of Lewes, Sussex co., Del. He received his education at the univ. of Pa., where he graduated A. B. in 1837, and M. D. from the med. dep't of the same institution in 1840, settling immediately in Philadelphia. He is a member of the coll. of phys., was its first curator, and founder of the coll. museum. Among his contributions to medical literature published in the *Medical Examiner* are, "Needle found in Heart after Death," 1849; "Sensibility of the Teeth," etc., 1850; "Obstruction of the Pharyngeal Orifice," etc., 1853; "Adhesive Plaster in Fracture of Patella," 1854; "Pulsating Tumor of Occiput," 1854; "Removal of Fungus of Upper Jaw," 1854; "Gastronomy for Use of Uterus," Oct., 1854; "New Form of Cataract Needle," Oct., 1855; "New Apparatus for Fracture of Leg;" "Polypus of Conjunctiva," in the *American Journal of Medical Sciences;* "Spontaneous Rupture of Spleen," Oct., 1842; "Aneurism of Aorta," Oct., 1843; "Contributions to Pathological Anatomy," July, 1849; "Occipital and Superior Maxillary Bones of the African Cranium," Jan., 1850; "Mucous Membrane of the Human Stomach," Jan., 1857; "Case of Mollities Ossium," July, 1874, and one of "Elephantiasis," July, 1875, in the Transactions of the coll. of phys.; "On the Thyroid Foramen of Os Innominatum," June, 1850; "Peculiarity of Sphenoid Bone," Jan., 1851; "The Temporal Ridge in the African Skull," April, 1851; "On Canal of Fontanas," April, 1851; "Case of Hermaphroditism," June, 1851, and one of "Tracheotomy in Epilepsy," June, 1852. He is also the author of "Neill on the Arteries;" "Neill on the Veins;" "Neill on the Nerves," and in connection with Prof. F. G. Smith, of "Neill and Smith's Compendium." In 1839 he was appointed house surg. at Wills hosp. He remained here two years, and then passed some time in the West Indies in charge of a patient. In 1842 he became private teacher of medical students, and also was appointed ass't demons. of anat. in the univ. of Pa. At the same time he held the posts of vaccine phys. and phys. to a city district under the guardians of the poor. In 1845 he was appointed demons. of anat. at the univ. of Pa. In 1847 he was elected surg. to Wills hosp., and lectured at the med. institute of Philadelphia on anatomy during the summer. In 1849 he was appointed phys. to the south-eastern cholera hosp., and made the minute injections upon which was based the report made by the coll. of phys., and published in their transactions. In 1852 he was elected surg. to Pa. hosp. In 1854 he was elected prof. of surgery in the med. dep't of Pa. coll., and in 1855 surgeon to the Philadelphia hosp. at Blockley. In 1861 he was appointed surg. in charge of military hosps. in Philadelphia, and organized and constructed the first eight general hosps. of the city. In 1862 he was commissioned surg. U. S. vols. while on duty at Broad and Cherry street hosp. In 1863 he was appointed medical director of the forces from Pennsylvania under command of Gen. W. F. Smith, U. S. army, which joined the army of the Potomac at Gettysburg. In the same year he was brevetted lieut.-colonel for meritorious services. He established the hosp. at Dickinson coll., after the bombardment of Carlisle, and also the hosps. at Hagerstown. He was afterwards appointed post surg. at Philadelphia, a position he held until 1865. In 1874–75 he was appointed prof. of clinical surgery in the univ. of Pa., a position from which he resigned, May, 1877; he was also appointed consulting surg. to the Presbyterian hosp. In Sept., 1844, he married Anna Maria Wharton, daughter of Samuel Hollingsworth, merchant, of Philadelphia. One of his sons, Hollingsworth Neill, M. D., graduated at the univ. of Pa. in 1874.

WIGHT, JERVIS SHERMAN, Brooklyn, N. Y., a descendant of Thomas Wight, an emigrant from the Isle of Wight about 1635, was born at Centreville, Allegany co., N. Y., Jan. 4th, 1834. Graduating B. A. from Tufts coll. in 1861, he attended medical lectures at the New York coll. of phys. and surg., and subsequently at the Long Island col. hosp., graduating M. D. from the latter institution, after five years of study, in June, 1864. The ensuing year he served as ass't surg. in the U. S. vol. army, and in July, 1865, he established himself in Brooklyn, making a specialty of surgery. In the Long Island coll. hosp. he has been, successively, adjunct surg. to dispensary; prof. of mat. med. and therap.; ass't surg.; visiting surg. and prof. of surgery and clinical surgery, holding at present (1877) the last-named two positions. In the course of his hospital and private practice he has ligated the femoral artery for popliteal aneurism, and performed other major operations. He is a member of the Kings co. med. soc.; of the

New York neurolog. soc., of which he has been secretary, and of various other professional societies. Among his published works may be mentioned "Horse-Hair Sutures," *Medical Record*, vol. 3, p. 434; "The Relations of Hygiene to Practical Medicine," *Sanitarian*, vol. 2, p. 49; "Structure and Function of Upper End of Femur," *Archives of Clinical Surgery*, vol. 1, p. 57; "Principles of Antiseptic Surgery," *Medical and Surgical Reporter*, No. 1027, p. 371, and "Shortening of Lower Limb after Fracture of Femur," *Archives of Clinical Surgery*, vol. 1, p. 283. He married, Jan. 9th, 1871, Mary, daughter of Joseph Center, Esq.

RASSER, JOHN CASPER, Brainard, Minn., of English descent, was born in Campbell co., Va., Dec. 2d, 1840. Having received an academic education, he entered the Confederate States army in 1862 as hosp. steward; in this capacity he served two years; was promoted to be ass't surg. in 1864, and held the latter rank until the end of the war. In Oct., 1865, he entered Jefferson med. coll., and was graduated thence M. D. in March, 1867. During the ensuing summer and winter he practised in Baltimore; during the years 1868-69 in Virginia, and in the summer of 1870 removed to Minnesota. In the spring of 1871 he was appointed ass't surg. to the Northern Pacific railroad company, and in 1874, upon the resignation of Dr. S. W. Thayer, was promoted to be surg.-in-chief, a position that he retained until the office was abolished. Since then he has been established as a general practitioner at Brainard. He is a member of the Minn. State med. soc., has served as chairman of various committees of that organization, and in 1876 was elected a delegate to the annual convention of the Am. med. asso. He has contributed several papers to the Transactions of the society, the most important being "Diseases of the Nervous System," 1876. He married, Nov., 1876, Isabella, daughter of Mr. Low.

WOOD, HORATIO C., Philadelphia, was born in Philadelphia, Jan. 13th, 1841. His professional education was received in the univ. of Pa., whence he was graduated M. D. in 1862. After serving in various civil and military hosps. he established himself in Philadelphia in 1865, making specialties of therapeutics and nervous diseases. He is a member of the Philadelphia co. med. soc.; of the coll. of phys.; of the acad. of the natural sciences, of which he was formerly recording secretary; of the New York lyceum of natural history; of the Am. philosoph. soc.; Am. med. asso., etc. From 1866 to 1876 he was prof. of botany in the auxiliary med. faculty of the univ. of Pa., and since the latter date has been prof. of mat. med. and therap. in the med. dep't proper. He was also the clinical prof. of diseases of the nervous system. Of his numerous professional publications may be mentioned: "On the Influence of Section of the Cervical Pneumo-Gastrics upon the Action of Emetics and Cathartics," *American Journal of Medical Science*, vol. lx., p. 75; "Acetic Ether as an Anæsthetic," *ibid.*, vol. lx., p. 137; "Physiological Action of Atropia," *ibid.*, vol. lxi., p. 128, and vol. lxv., p. 333; "Experimental Researches on the Physiological Action of Nitrite of Amyl" (Warren prize essay) *ibid.*, vol. lxii., p. 39; "The Vaso-Motor Action of Ergot," *Philadelphia Medical Times*, May, 1874; "On the Oxytocic Action of Quinine," *ibid.*; "An Investigation into the Action of Veratrum Viride," *ibid.*, and reprinted in pamphlet; "A Study of the Nature and Mechanism of Fever" (Toner lecture), Smithsonian mis. coll., 1875; "Thermic Fever, or Sunstroke" (Boylston prize essay), 1 vol., 12mo., pp. 128, J. B. Lippincott & Co., 1872; "A Study of Convulsants," *Philadelphia Medical Times*; "Case of Leucinosis, or Yellow Atrophy of the Liver," *American Journal of Medical Science*, vol. liii., p. 418; "On Acute Dropsy, Scarlatinal and Idiopathic," *ibid.*, vol. lxii., p. 75; "Therapeutic Value of Nitrite of Amyl," *ibid.*, vol. lxii., p. 359; "On the Relations of Leucocythæmia and Pseudo-leukæmia," *ibid.*, vol. lxii., p. 373; "A Treatise on Therapeutics," 1 vol. 12mo., J. B. Lippincott & Co., 1875 (second edition, 1876), also edited U. S. Dispensatory, and Materia Medica. Since 1873 he has edited the *Philadelphia Medical Times*, and beside his work upon that journal and the work involved upon the composition, and in the experimental research necessary as a preliminary to the composition of the above-mentioned articles, he has for a number of years been a zealous investigator, and constant and voluminous writer in the domain of natural history.

CHUBBUCK, HOLLIS S., Elmira, N. Y., was born at Ellington, Tolland co., Conn., March 13th, 1809. He pursued his medical studies at the med. dep't of Yale coll., and graduated M. D. in March, 1831, locating himself first at Orwell, Bradford co., Pa., but removing to Elmira in 1838 and settling in general practice. During his professional career he has been very successful in the performance of the more important obstetrical operations. He is a member of the Am. med. asso.; of the New York State med. soc.; of the Chemung co. med. soc.;

Elmira acad. of med., and has been president of the two last named a number of times. He has contributed articles on obstetrical operations to the Transactions of the N. Y. State med. soc., 1869; to the *Medical Journal* for May, 1876; the Transactions of the Southern medical society of N. Y., etc. He was surg. of the board of enrolment for the 29th district, N. Y. State, until the close of the war, when he was honorably discharged; and was formerly surg. for pensions. In Oct., 1831, he married Elizabeth A., daughter of Stephen Heath, Esq., of East Windsor, Connecticut.

BURT, WILLIAM JEFFERSON, Austin, Texas, was born in Lumpkin co., Ga., June 15th, 1838, of mixed Scotch and German ancestry. He received his literary education at Hiawassee and Mossy Creek colls., and pursued his medical studies at the Savannah and Atlanta med. colls., graduating M. D. from the latter in July, 1860, and settling first at Cotton Plant, Ark., removing thence in 1866 to Jacksonport, in the same State, and again in 1874 to Austin, where he engaged in general practice, but making a specialty of diseases of females. He is a member of both the county and State med. asso. He is the author of an essay on the "Anatomical and Physiological Differences Between White and Negro Races," besides reports of cases on "Hydrophobia," "Hemorrhagic Malarial Fever," "Uterine Fibroid," "Congenital Absence of the Uterus," etc. During the war he was surg. in the Confederate States army three and a half years; organized two and had charge of four hosps.; he has performed operations as follows: ligation subclavian, outer third—success; resection of three inches of lower portion of right humerus, including condyles—success; removal of left half inferior maxillary and almost the entire left ilium. In 1860 he married Melinda, daughter of S. B. Palmer, Esq., of Georgia.

ANDREWS, GEORGE PIERCE, Detroit, Mich., son of Dr. Seth L. Andrews and Parnella (Pierce) Andrews, of Woodbury, Conn., and grandson of Rev. Dr. Lathrop, of Springfield, Mass., was born at Kailna, Hawaii, Hawaiian islands, April 9th, 1838. He was educated at Romeo, Mich., at Phillips acad., Andover, Mass., and pursued his literary and medical studies in the univ. of Mich. He graduated at the coll. of phys. and surg., New York, in March, 1862, and settled in Detroit in general practice, paying special attention to thoracic diseases. He is a member of the Detroit acad. of med., was its president in Sept., 1876; and of the Detroit scientific asso., its first president, elected May, 1874. He has contributed various articles to medical journals, and has held the position of prof. of prin. and prac. of med. in Detroit med. coll. For three years he was contract surg. to the U. S. government. In May, 1862, he married Sarah G., daughter of John W. Dyar, Esq., of Romeo, Michigan.

BATES, JAMES M., Yarmouth, Me., youngest son of Dr. James Bates, for several years sup't of the State insane asylum at Augusta, was born at Norridgewock, Somerset co., Me., May 31st, 1827; was educated principally at the Waterville institute and the Augusta high school; and graduated from the Jefferson med. coll., Philadelphia, in March, 1851. For several years he practised at China and Sidney in Kennebec co., but in Aug., 1859, removed to Yarmouth. He is a member of the Cumberland co. med. soc., of which he was president in 1869; and of the Maine med. asso., of which he was president in 1875. Before these societies he has read numerous papers, and, besides, has contributed various articles to medical journals. For several years he has been superintending school committee and supervisor of schools in Yarmouth. In Dec., 1861, he was commissioned surg. of the 13th Maine reg. of vol. infantry, and in that capacity he remained in the U. S. service until the regiment was mustered out in Jan., 1865; having been at Ship island, in the Texas expedition, the Red river campaign, the Shenandoah valley, and other memorable scenes of action. He was married, Oct. 11th, 1855, to H. Ann R. Sawtelle, of Sidney, Kennebec co., Me., by whom he has had four children, of whom three are living.

HAYWOOD, EDMUND BURKE, Raleigh, N. C., was born in Raleigh, of English ancestry, Jan. 13th, 1825. He was educated at the univ. of N. C., and studied medicine at the univ. of Pa., whence he graduated M. D. in 1849, settling in Raleigh in active practice, and during which he has successfully performed ligation of the right external iliac artery, 1869; the cæsarean operation, 1874; operated for strangulated inguinal hernia, and cancerous tumors of mamma. He was elected a member of the med. soc. of N. C. in 1850, was its vice-president in 1866, and its president in 1868, and one of its board of censors in 1873; has frequently been a delegate to the Am. med. asso., and was a delegate to the International medical congress held in Philadelphia in 1876; aided in the organization of the Raleigh acad. of

med. in 1870, and was elected its president in 1874; he was also elected a corres. member of the gynæcol. soc. of Boston in 1873. He is the author among other articles of a report of a successful case of "Ligation of Femoral Artery," *Confederate States Medical and Surgical Journal*, 1864; and of various other reports of successfully performed important cases in Transactions of the med. soc. of N. C., such as amputations of thigh, craniotomy, vesico-vaginal fistula, tracheotomy, etc., etc. He has been for six years a member of the board of medical examiners of N. C., and in 1866 held the chair of surgery therein, and in 1873 was appointed by the same board to examine and license druggists. In 1861 he was appointed surgeon of N. C. troops, and also in the same year president of the board of surgeons to examine surgeons for the same; also in the same year surgeon in the Confederate States army and placed in charge of Confederate States hosps. at Raleigh and in Richmond during 1862–63–64–65. He was also appointed acting med. director of the Confederate States army for the dep't of N. C., and president of the board of surgeons to grant discharges from the same army. He was med. director of the N. C. life insurance company in 1873, and a member of the board of directors of the insane asylum of N. C. in 1865, and from 1871 to 1877 has held the position of its president.

BATES, JAMES, Yarmouth, Me., was born in Greene, Me., Sept. 24th, 1789. He graduated from the Harvard med. school in March, 1813, and in the same year was appointed surgeon's mate in the war of 1812. After the war he practised for two or three years at Hallowell, Me., when he removed to Norridgewock, Me., where he remained in extensive practice until 1845, at which time he was appointed sup't of the Maine insane asylum, holding the position for six years, the asylum at the end of that period having been consumed by fire. He continued in private practice until 1868, when he retired, from the effects of age. He is now living at Yarmouth and, though at the advanced age of eighty-seven, is in the full possession of his mental faculties. He has not been an author, though in the course of his life he has frequently lectured, in and out of his native State, on agriculture, stock-raising, and kindred topics, and also on temperance, from a medical or physiological standpoint. In 1830 he was elected to the Federal house of representatives, representing the second congressional district of Maine in the twenty-second Congress. He served two years as surgeon's mate in the war of 1812, and in 1839 he was appointed hospital surgeon in the "Aroostook War," growing out of the settlement of the north-eastern boundary of Maine. He was married to Mary Jones, the 27th of July, 1815, with whom he lived happily for more than sixty years, and by whom he had five children, all of whom arrived at maturity.

PITTMAN, NEWSOM J., Tarboro', N. C., descended from English immigrants to Virginia in 1750, son of John and Catherine (Jones) Pittman, was born in Halifax co., N. C., Aug. 9th, 1818. Having received an English and classical education, he entered the med. dep't of the univ. of Pa.; was graduated from thence M. D. in 1839, and in May of that year began the practice of his profession at Rocky Mount, N. C. In 1849 he visited Europe, and was for three years a student in the leading English and continental medical schools and hospitals. Since July, 1853, he has been established at Tarboro', engaging in a general practice, but giving especial attention to gynæcology and surgery. Of his more important operations may be mentioned five cases of lithotomy, and one of lithotrity, all successful. He is a member of the Edgecomb co. med. soc., president in 1857; of the N. C. State med. soc., president in 1858, re-elected in 1859; of the Am. med. soc. of Paris, president in 1852; and of the Am. med. asso., first vice-president in 1877; he was elected corres. member of the med. soc. of the State of Tenn. in 1861, and for six years was chairman of the State medical board of examiners for North Carolina, being elected such in 1866. His professional publications have been confined to reports of cases published in the Transactions of the N. C. State med. soc. In 1862–63 he served as a surgeon in the Confederate States army. He has twice married: (1) April 28th, 1858, to Mary A. Pittman, daughter of Reddin Pittman, Esq., of Edgecomb co., N. C.; and (2) April 21st, 1867, to Mary Eliza, daughter of James S. Batter, Esq., of Cold Spring, Edgecomb co., N. C.

TAYLOR, HENRY GENÈT, Camden, N. J., son of Dr. Othniel H. Taylor, of Camden, and Evelina C. Taylor, was born, July 6th, 1837, at the residence of his uncle, Gen. H. J. Genèt, at Charmantot, Van Rensselaer co., N. Y. He received his literary and classical education at the Protestant Episcopal acad., Philadelphia, and at the univ. of Pa., graduating in March, 1860, and settling in Camden. He is a member and secretary of the Camden co. med. soc.; of the N. J. med. soc.; the N. J. acad. of med.; and of the Am. med. asso. In 1861 he entered the

army as ass't surg. of the 8th N. J. vols., and was in active duty in the field with the army of the Potomac during the first three years of the war, afterwards surg.-in-chief of the artillery brigade, 3d corps, army of the Potomac. He then left the army and resumed the practice of medicine in Camden, but in 1864 he was appointed member of the board of enrolment, and served until the close of the rebellion as medical examiner.

LIVINGSTON, JAMES BENJAMIN, West Middlesex, Pa., was born in Elizabethtown, Essex co., N. Y., Feb. 11th, 1830. He studied medicine with Dr. J. W. Mease, of Shippensville, and at Cleveland med. coll., and at the Charity hosp. med. coll. He graduated M. D. at the former in 1856, and the latter in 1866, and also *ad eundem* at Wooster univ. med. dep't, 1871. He first located himself at Tylersburg, Clarion co., then at Centreville, Butler co., and finally at West Middlesex, Mercer co., Pa., in general practice. He was a member of the Butler co. med. soc., and is a member of the Mercer and Warren co. med. socs., was vice-president of the latter in 1871, and treasurer in 1875–76; member of the State med. soc., elected in 1869; and of the Am. med. asso., elected in 1874. His contributions to medical literature consist of a report of a case of "Opium and Strychnine Poisoning Successfully Treated by Electricity," *Medical and Surgical Reporter* for 1870; etc., etc. He married in May, 1853, Elizabeth F. McCreary. She died in Aug., 1867. In Nov., 1868, he married Rachel F. Christtry, daughter of Michael Christtry, Esq., of Slippery Rock, Butler co., Pa.

ALLEN, EZRA PASCAL, Athens, Pa., son of Ezra Allen, originally of Vermont, whose ancestors came to this country in 1639, was born in Smithfield, Bradford co., Pa., June 5th, 1821. He attended a select school at Smithfield, and afterwards studied medicine in Woodstock at the Vermont med. coll., graduating M. D. at the Berkshire med. coll. at Pittsfield, Mass., in 1847. Besides the above he studied special branches under Dr. Benjamin Rush Palmer, of Woodstock, and Prof. Alonzo Clark, of New York, and also, at a still later date, took a course of lectures at the coll. of phys. and surg., in New York, and another at the univ. of Pa. He first located himself in Albany, Bradford co., afterwards removed to Cherry township, Sullivan (then Lycoming) co., and then to Smithfield, the place of his birth. Here he remained until the breaking out of the rebellion, when (in 1862) he entered the military service as ass't surg. of the 141st reg. Pa. vols. In 1862 he was made full surg. of the 83d Pa. vols., but had to resign in 1863 by reason of ill health. He then settled in Athens, in the practice of his profession, but giving especial attention to surgery, in the performance of which he has operated successfully in many capital cases, such as amputation twice at hip-joint, the ligation of the femoral artery, etc. He is a member of the Bradford co. and Pa. State med. socs., has been twice president of the former, and in 1866 was vice-president of the latter; also of the Am. med. asso.; and of the Chemung co. (N. Y.) med. soc.—of the latter hon. member. He is also member of the historical soc. of Bradford, and is now its president. His contributions to medical literature consist of various essays and reports, contributed to the *Philadelphia Medical Times*, the Transactions of the State med. soc. and the local press of Athens. Among these specially may be mentioned one entitled "Do we suffer when Dying, or is Death a Painful Process?" and one on the "Mammoth and Mastodon, and the Age in which they Lived," the latter read before the historical society of Bradford co. In 1864 he was elected prof. of mat. med. and midwifery of the Geneva med. coll., a position he held for eight years and until the state of his health compelled him to resign. In Jan., 1844, he married Honnor Howard Harris, daughter of Beriah Harris, Esq., of Coleraine, Mass.

KROZER, JOHN J. R., Baltimore, Md., son of Dr. John and Frances Krozer, was born in Elizabeth City, N. C., Aug. 30th, 1827. He received his education at the military academy, Portsmouth, Va., and studied medicine at the U. S. naval hospital, near Portsmouth, and at the univ. of Md. He graduated from the latter institution in March, 1848, and settled in Baltimore in general practice, but making a specialty of obstetrics. He is a member of the med. and chirurg. faculty of Md., and of the Baltimore med. asso. In Oct., 1849, he married Mrs. Martha A. Bailey, *née* Stansbury, and daughter of David G. Stansbury, Esq., of Baltimore.

BUIST, JOHN ROBINSON, Nashville, Tenn., was born in Charleston, S. C., Feb. 13th, 1834. His parents were natives of Charleston, and his grandparents were respectively French, Irish, English and Scotch. He is a graduate of the S. C. coll., and pursued his medical studies in the Charleston med. coll., and in the med. dep't of the New York univ., whence he graduated M. D. in March, 1857. He served as interne in Bellevue hosp. after graduating, and spent the

winter of 1858–59 in attending lectures in the univ. of Edinburgh. On his return he was fifteen months in Bellevue hosp., and subsequently settled in Nashville. He is a member of the med. soc. of Nashville; of the Tenn. State med. soc.; and of the med. soc. of Edinburgh, Scotland. In May, 1861, he was made ass't surg. 1st Tenn. reg. Confederate States army, was afterwards promoted to surg. and served to the end of the war with Money's brigade, army of Tennessee; has been for three years a member of the board of health of Nashville, and is now its president. In July, 1867, he married Laura, daughter of Gen. W. W. Woodfolk, of Nashville, Tenn.

MALLET, JOHN WILLIAM, University of Virginia, son of Robert Mallet, Esq., C. E., F. R. S., of London, was born in Dublin, Ireland, Oct. 10th, 1832. He was educated at the univ. of Dublin and Göttingen. He graduated Ph. D. from the latter university in 1852, and A. B. from the former in 1853. He received his degree of M. D. (honoris causâ) from the med. dep't of the univ. of Louisiana in 1868, and LL.D. (honoris causâ) from the William and Mary coll., Va., and from the univ. of Miss. in 1872. He is a fellow of the Royal soc. of London, and of the chemical soc. of the same city; member of the Am. chem. soc.; of the soc. of natural history of Mexico; of the soc. of acclimation of Brazil; of the med. soc. of Va.; and corres. member of the N. Y. acad. of sciences. His contributions to professional literature have been some papers in the *New Orleans Medical Journal*, but principally papers and articles on chemical matters published in the Proc. Roy. society, *Journal Chemical Society*, *Annalen der Chemie*, *American Journal of Sciences*, and other scientific journals. He is prof. of chemistry in the univ. of Va.; was formerly prof. of chemistry in the univ. of Ala.; in the med. coll. of Ala., and in the med. dep't of the univ. of La.; he was also chemist to he Alabama geological survey. He served during the civil war on the staff of Gen. R. E. Rodes, of the army of northern Virginia, and was afterwards lieut.-col. of artillery, and sup't of Confederate States ordnance laboratories. In 1857 he married Mary E., daughter of Judge John J. Ormond, formerly of the Supreme court of Alabama.

WIGGIN, OLIVER CHASE, Providence, R. I., of American parentage and English ancestry, was born in Meredith, N. H., May 3d, 1839. He was educated at the Providence high school, and at Brown univ., and pursued his medical studies at Harvard med. school, graduating thence July 18th, 1866, and settling immediately after in Providence. He is a member of the Phi Beta Kappa; R. I. med. soc.; Providence Franklin soc.; and of the Providence med., Am. public health, Am. med. assos., etc., etc. He holds the position of visiting physician to R. I. hospital.

MCCAW, JAMES B., Richmond, Va., son of Dr. William R. McCaw, a graduate of the univ. of Pa., grandson of Dr. James D. McCaw, graduate of the univ. of Edinburgh, and great-grandson of Dr. James McCaw, staff-surg. to Lord Dunmore, the last colonial governor of Virginia, was born in Richmond, Va., July 12th, 1823. He was educated at the Richmond acad., and studied medicine in the med. dep't of the univ. of New York, graduating in March, 1844, and settling in Richmond in general practice, but giving special attention to diseases of women and children. He is a member of the med. soc. of Va.; of the Richmond acad. of med.; of the Am. med. asso.; and hon. member of seven local societies. He edited for twelve years the *Virginia Medical Journal*, and the *Confederate States Medical Journal*. He was also for a period of twelve years prof. of chemistry in the med. coll. of Va., and he is now prof. of the prac. of med. in the same institution, and dean of the faculty. He was a surg. in the Confederate States army, and med. director to the Chimborazo hosp. (during the war), in which seventy-one thousand patients were treated. He was also for twenty-six years med. examiner to the Mutual life insurance company of New York. In 1845 he married Delia, daughter of Dr. Wm. A. Patteson, of Richmond.

CUNNINGHAM, WILLIAM HARRIS, Vermilionville, Lafayette co., La., son of Dr. J. M. Cunningham, of Miss., was born in Noxubee co., Miss., Jan. 7th, 1842. He pursued his medical studies in the med. coll. of Ala. at Mobile, and graduated in March, 1876, settling immediately after at Vermilionville. He is a member of the med. soc. of Lafayette parish, and is now its secretary. In Dec., 1868, he married Mary A., daughter of Lafayette Robertson, Esq., of Connecticut.

PORTER, MOSES, Kalamazoo, Mich., was born in Pawlet, Vt., Sept. 14th, 1821, of English parents. He was educated at Waterford acad., and at the Burr seminary, Manchester, Vt., and studied medicine at the Castleton med. coll., graduating at that institution in 1844, settling first at Plum Grove, Ill., then at Dowagiac, Mich., and finally at

Kalamazoo. He is a member of the Mich. State med. soc., has been its vice-president and corresponding secretary; and has been clerk and president of the Kalamazoo med. asso. He has been married twice. The first time in 1854 to Helen S. Strong, of Pawlet, Vt., she died in 1863; the second time in 1866 to Adelaide L. Johnston, she died in 1868, leaving him again a widower.

FINNELL, THOMAS CONSTANTINE, New York, of Irish descent, was born in New York, July 12th, 1827. Having received his preliminary education at the public schools, he entered the univ. med. coll.; graduated thence M. D. in 1849, and in the same year established himself in practice, making a specialty of pathological anatomy. He has three times performed the cæsarean section, one child (still living) alone surviving the operation. He is a member of the New York co. med. soc., president in 1866; of the patholog. soc., president in 1862; of the New York acad. of med., elected in 1852; of the New York med. union, president in 1861; of the medico-legal soc., president in 1868–69; of the N. Y. State med. soc.; of the New York phys. mutual aid soc., and of the soc. for the benefit of the widows and orphans of medical men; also, an hon. member of the medico-legal soc. of Paris, France; of the Conn. State med. soc., and a corres. member of the Boston gynæcol. soc. From 1849 to 1854 he was phys. to the Eastern dispensary; 1854 to 1864 examining phys. to the coroners of New York; 1854 to 1872 visiting phys. to Saint Vincent's hosp.; in 1862 consulting surg. to the Northeastern dispensary; in 1863 surg. to the Park Barracks aid soc., and during the late war was a surg. in the U. S. army vol. corps. His more important publications may be found in the *New York Northern Lancet*, and *New York Medical Record*. He married, April 30th, 1855, Maria J., daughter of Patrick McDermott, Esq., of Spring Valley, Rockland county, New York.

ROBERTSON, CHARLES ARCHIBALD, Albany, N. Y., was born at Mobile, Ala., 1829. He is a son of Archibald G. Robertson and Sarah Carrico, being of Scotch descent on his father's side, and French and English on his mother's. He was educated at Phillip's Exeter acad., and Harvard coll., graduating at Harvard in the class of 1850, and pursuing the study of medicine at the Fremont med. school, the Boston med. school, and the Jefferson med. coll., from the latter of which he graduated in 1853. He first settled in Boston, whence (after the war) he removed to Albany, his present residence. His specialty is ophthalmology and otology, the special study of which he pursued in attendance at the Boston eye infirmary, Wills hosp., Philadelphia, St. Mark's hosp. (Sir Wm. R. Wilde's), Dublin, and the Cliniques of Messrs. Desmarres and Sichel, Paris. He is a member of the med. soc. of Albany co., of which he was censor; the Am. ophthalmolog. soc.; the International ophthalmolog. soc.; and the Am. otolog. soc.; and has been elected a delegate to the Am. med. asso.; and served several years as a delegate to the med. soc. of the State of N. Y., of which he afterwards became a permanent member. His medical writings consist principally of monographs, critiques and reports of cases. Of these are: "The Importance of Examining the Dioptric Media in Some Affections of the Eye," Feb., 1865; "Glaucoma and its Cure by Iridectomy" (Translation), Nov., 1866; "Some Curious Reflex Phenomena after Injury of the Eye," July, 1870; "Review of Report of Last Illness of Dr. Alden March," Jan., 1870; "Medical Ethics and Medical Dissensions," Jan., 1871; "Remarkable Perturbation of the Olfactory Nerve Following Extraction of Cataract," Sept., 1873; "An Eye Case in the Courts," Dec., 1873; "Violent Rupture of Superior Rectus, and Section and Advancement of Internal Rectus;" "Diagnosis of Diseases of the Eye," Feb., 1874; "Old Eyes Made New, or Injury from 'Eye Cups,'" Feb., 1875; "Obituary of Dr. J. V. P. Quackenbush," in Publications of med. soc. of State of N. Y. He was surg. of N. Y. State vols. in 1861 and 1862, served in Louisiana, where he was acting division surg., in Grover's division, at Port Hudson. He has been president of the Young Men's asso. of Albany; and is a commissioner of public instruction of that city. He is ophthalmic and aural surg. to St. Peter's hosp., the Albany hosp., and the Troy eye and ear relief. He married, in 1853, Ellen A. Fuller, of Cambridge, Massachusetts.

KIRKPATRICK, CHARLES ALEXANDER, Redwood City, Cal., of Scotch-English descent, was born at Louisiana, Pike co., Mo. He attended lectures at the Ohio med. coll. in 1847–48, subsequently practised for a year at Grafton, Ill.; crossed the Plains in 1849; practised in Sacramento and San Francisco; in 1871, after attending his second course of lectures, was graduated M. D. from Toland med. coll., and since 1866 has been established at Redwood City. He is a member of the Cal. State med. soc., vice-president in 1860 and in 1873. His

more important surgical cases are embodied in a report to the Cal. State med. soc., and are published in the Transactions of that organization for 1872–73. In Oct., 1861, he was appointed ass't surg. to the 3d Cal. reg., and served with that regiment during its three years term of enlistment; in Feb., 1865, was appointed surg. to the 8th Cal. reg., and from that date until the end of the war had charge of the hosps. at Fort Point and the Presidio. He married, Sept. 29th, 1856, Mary B., a daughter of David L. Benjamin, Esq., of Greenport, Long Island, N. Y.

REX, OLIVER PAYSON, Philadelphia, Pa., was born in Reaville, N. J., Jan. 18th, 1840, of German parentage. He was educated at Tuscarora acad., Juniata co., Pa., and at Lafayette coll., Easton, Pa. He studied medicine in the Jefferson med. coll., Philadelphia, and graduated M. D. in 1867. He passed two years as res. phys. in Blockley hosp., and was for several years quizmaster at Jefferson med. coll. He is a member of the obstetrical and county medical societies of Philadelphia, and is at present one of the physicians to Jefferson college hospital. During the civil war he enlisted as a private in the 33d Illinois infantry; after a year and a half service was promoted to hospital steward of the same regiment, passing through division, corps and dep't hosp. steward, was finally promoted ass't surg. of his regiment and surg.-in-chief of 2d brig., 1st div., N. G. of Pa. Was mustered out of service, Dec. 22d, 1865. In 1869 he married Anna B., daughter of John B. Stevenson, Esq., of Philadelphia.

BURNETT, CHARLES HENRY, Philadelphia, was born in Philadelphia, May 28th, 1842, his parents being Eli S. and Hannah K. Burnett. Receiving his primary education at the Saunders institute, he entered Yale coll., graduating thence in 1864. Entering the med. dep't of the univ. of Pa., he received his degree of M. D. in 1867, and for one year thereafter was res. phys. in the Episcopal hosp., Philadelphia. During the ensuing two years he prosecuted his professional studies in Europe, with special reference to otology, and upon returning to this country established himself in Philadelphia, confining his practice mainly to his specialty. He has taken a leading place among American otologists. He is a member of the coll. of phys.; of the county med. soc., and of the pathолog. soc. of Philadelphia; and of the Am. otolog. soc. He is aurist to the Presbyterian hosp., and chief of the Philadelphia infirmary for diseases of the ear—an institution of which he is the founder. He has made several very valuable contributions to otological literature, among which may be mentioned works upon "Mechanism of Ossicles of Hearing and the Membrane of the Round Window," and "Comparative Distribution of Bloodvessels in the Membrana Tympani," and a "Treatise on the Ear."

WARD, GEORGE MASON, Philadelphia, was born, Aug. 16th, 1843, in Camden, N. J. He was educated at Friends high school, Philadelphia, and pursued his medical studies in the med. dep't of the univ. of Pa., and graduated M. D. in March, 1863. He settled in Philadelphia in general practice, but with special attention to chemistry. He holds the position of demonstrator of chemistry in the Jefferson med. coll., and during the war was acting ass't surgeon in the U. S. army.

BALDWIN, GARRETT ROMYNE, Fort Scott, Kan., was born in Saugerties, Ulster co., N. Y., May 13th, 1840, of American parentage. He was educated at the high school of Tecumseh, Mich., and pursued his medical education in the med. dep't of Mich. univ., and Bellevue hosp. med. coll., New York, graduating in 1866 and settling in Fort Scott, Kan. He is treasurer of the Bourbon co. med. soc., and in 1872 was ass't secretary of the Kansas State med. soc. He is the author of a paper on "Hemorrhagic Malarial Fever;" is health officer, and U. S. examining surg. for pensions, and served during the war as ass't surg. 18th Mich. infantry, for the period of three years.

BLAND, DANIEL WEBSTER, Pottsville, Pa., son of Edward and Mary Bland, natives of Berks co., Pa., was born in Pottsville, Jan. 28th, 1837. He was educated at the Pottsville acad., and at Lewisburg univ.; studied medicine at the Pa. med. coll., from which he graduated March 7th, 1857. He practised at Schuylkill Haven, Pa., until 1861, when he went into the army; on retiring from which in 1865 he settled at Pottsville. In 1859–60, and part of 1861, he was res. phys. to the county hosp. at Schuylkill Haven. His preference, if not his specialty, is surgery. He has published reports of various cases, including one in 1859 of "Empyema Following Typhoid Fever," attended with the discharge of thirty-one gallons of pus in nine months, the patient dying of hectic at the end of that time; and another of "Puerperal Mania and Placenta Prævia;" and also papers on numerous subjects, among them one on the "Use of Hyposulphites in Scarla-

tina," one entitled "Carbolate of Iron in Diphtheria," and one on "Spinal Meningitis," also "Treatment of Fractures." He was commissioned as surg. in Oct., 1861, and served over three years in the field with the 6th corps in the army of the Potomac, serving as medical inspector of the corps, on the staff of Gen. Sedgewick, and of Gen. Wright, and having charge of the field hosps. during all the active campaign of the corps. He is a director of the Pottsville water company; and phys. to the sanitary committee of the borough. He was married, Oct. 28th, 1868, to Emily Pearson Baber, of Pottsville.

CURTIS, JOSIAH, Washington, D. C., was born in Wethersfield, Conn., April 30th, 1816. He remained with his parents on a farm till he was eighteen years of age, and after fitting himself for college at the academy of Monson, Mass., entered Yale in 1836. He subsequently was principal of the Salem (N. J.) county academy, and also taught in Philadelphia, in which city he studied medicine, graduating from Jefferson college M. D. in 1843. He received his M. A. degree from Yale. After graduating he spent a year in lecturing on physiology and public health, and then settled in practice in Lowell, Mass., where he took an active part in the moral, physical, and intellectual improvement of the place and of the neighboring cities and villages. In 1849 he removed to Boston, and between 1850 and 1855 twice visited Europe, giving particular attention to the sanitary condition of large cities. In 1861, while secretary of the Boston sanitary association, he was called to Washington to superintend the mortality statistics of the U. S. census of 1860. He here entered the army and remained in it till 1865, when he took up his residence in Knoxville, Tenn. Here he remained several years in recruiting his health, and in the study of natural history. In 1872 he filled the position of surgeon, microscopist and naturalist to the U. S. geological survey, traversing that portion of the Rocky mountains which includes the U. S. national park, the Yellowstone lake, and the numerous geysers. In 1873 he became chief medical officer to the U. S. Indian service, a branch of the government which he has thoroughly organized and placed on a useful footing. He is hon. member of the East Tenn. med., and member of the Washington philosophical, of the Am. microscopical, of the Connecticut, Maryland and Wisconsin historical socs.; permanent member of the Am. med. asso.; fellow of the Am. asso for the advancement of science; member of the Am. statistical asso.; fellow of the Mass. med. soc.; corres. member of the Boston natural history soc.; of the acad. of natural sciences, Philadelphia; foreign corres. member of the London epidemiolog. soc.; of the institute of actuaries for Great Britain and Ireland; hon. life member of the board of trade, Knoxville, Tenn., etc., etc. He is also one of the executive committee of the Yale alumni asso. of Washington, D. C. He has contributed articles to the local press upon the subject of public health, and upon bad ventilation and crowded dwellings. He is also the author of the report on "The Hygiene of Massachusetts (especially Boston and Lowell), with the Influence of Manufactures upon Health," read before the Am. med. asso. in Boston in 1849, and published in the Transactions of the association in that year; also of several of the earlier reports to the legislature of Massachusetts on the "Registration of Births, Marriages and Deaths." On his return from Europe he was called on by the city authorities of Boston to prepare an analysis of the city census for 1855. This was published in 1856, and in advance of any similar work in this country. He subsequently wrote several of the State reports, giving especial reference to death rates in special localities, and in one of them published for the first time in this country the nomenclature of the causes of death, adopted by the international statistical congress. He entered the army in 1861, having been commissioned brigade surgeon by President Lincoln. At the first battle of Bull Run, where he was an independent volunteer, he raised the first hospital flag at Sudley Spring Church, Va. In September he was placed in charge as chief medical officer at the mouth of the James river. He organized a hospital, and during the peninsular campaign received over six thousand patients in four months. At the second battle of Bull Run he was medical inspector. In Dec., 1862, he was placed in charge of convalescent camp—including parole, exchange, and other camps around Alexandria, Va.—which he organized and systematized with their ten thousand invalids. In Feb., 1863, he was placed in charge of the U. S. general hospital at Germantown, Philadelphia. In August of that year he was sent on special duty to Hilton Head, Beaufort, etc., and in Feb., 1864, he went to Knoxville, Tenn., where he served as chief medical officer till the close of the war; filling the offices of med. inspector, med. director, sup't of hosps., health officer, etc. While there he had under his charge, not only all the hospitals in Tennessee, but also those in Kentucky. In Dec., 1865, having risen to the highest medical rank in the volunteer service, he left the army, with a brevet promotion

"for faithful and meritorious service during the war." He has never held political office, but has preferred to give his attention and investigations to inquiries connected with his profession. While making gun cotton, after it was first discovered, he accidentally found that by washing it with ether, it became liquid, and this proved to be the first collodion ever made.

SEMMES, ALEXANDER J., Savannah, Ga., of Anglo-Norman-Celtic lineage, was born in Georgetown, D. C., Dec. 17th, 1828. He is the son of Raphael Semmes, Esq., of Nanjemoy, and Matilda Neale Jenkins, of Cobneck, on the Potomac, in Charles co., Md.; his paternal and maternal grandfathers were officers of the Maryland line in the revolutionary army, direct descendants of the English Catholic gentry, who, flying from persecution in England, came to Maryland between 1636 and 1650; some of whom settled in the adjoining counties of Virginia. He was educated at Georgetown coll., D. C., receiving the degree of A. M. in 1853, and in addition to three years of medical study with Dr. Grafton Tyler, prof. of the practice of medicine in the National med. coll., Washington, D. C., attended three courses of lectures at the latter institution, graduating from it in 1851, and subsequently attending clinical lectures in the medical schools and hospitals of London and Paris. He first settled in Washington, D. C., when he was physician to the U. S. jail, but removed thence to New Orleans, La., whence, after the civil war, he went to Savannah, Ga. He was one of the two res. phys. of the Charity hosp. at New Orleans in 1860, and vis. phys. in 1866–67; and from 1870 to 1876 prof. of physiol. in the Savannah med. coll. He is a member of the med. soc. of the D. of C.; the Ga. med. soc.; and the Am. med. asso., of which he was one of the secretaries in 1858–59, and 1869; and was in 1852 corres. secretary of the Am. med. soc. in Paris. He is the author of "Medical Sketches in Paris," 1852; "Poisoning by Strychnine," 1855; "Medico-Legal Duties of Coroners," 1857; "Gunshot Wounds," etc., *London Lancet*, 1864; "Notes from a Surgical Diary," 1866; "Surgical Notes of the late War," 1867; "Medical Reviews and Criticisms," 1860–61; "Revaccination; its Effects and Importance," 1868; "Preparations of Manganese," 1868; "The Fluid Extracts," 1869; "Evolution, the Origin of Life," two papers read before the Georgia med. soc., 1873; the "Influence of Yellow Fever on Pregnancy and Parturition," paper read before the Georgia State med. asso., 1875; and other papers, both numerous and important. He has also written frequently for literary and other non-professional periodicals. He was appointed surg. of the 8th reg. of La. vols., June 19th, 1861, and on the 4th of the following month was commissioned a surgeon in the Confederate army, serving from 1861 to 1863 as surg. and brigade surg. in Hay's Louisiana brigade, of (Stonewall) Jackson's corps, in the army of North Virginia; as surg.-in-charge of the third division of the Jackson military hosp. at Richmond, Va.; as med. inspector, by special order No. 6, dep't of North Va., May 21st, 1862; as inspector of hosps. in the dep't of Va., by special order No. 32, A. and I. G. O., Richmond, Feb. 7th, 1863; as a member of the army board to examine medical officers, by special order No. 34, A. and I. G. O., Richmond, Feb. 11th, 1862; and as president, in Jan., 1865, of the examining boards of the Louisiana, the Jackson, the Stuart, and the Winder hospitals, Richmond. He was married, Oct. 4th, 1864, at Savannah, Ga., to Sarah Lowndes Berrien, daughter of the late John Macpherson Berrien, attorney-general of the U. S. in the cabinet of President Jackson, and for many years U. S. senator from Georgia.

GAILLARD, EDWIN SAMUEL, Louisville, Ky., was born, Jan. 16th, 1827, in Charleston district, S. C. He graduated in the S. C. univ. in Dec., 1845, and at the med. coll. of S. C., with the first honor, in March, 1854, settling the same year in Florida, where he practised until March, 1857, when he removed to New York, going the following August to Europe, and returning the following November. In March, 1861, he went from New York to Baltimore, and two months later joined the Confederate army at Richmond, remaining in it until the close of the war. In May, 1865, he took up his residence in Richmond, Va., whence in May, 1868, he removed to Louisville, Ky., at which place he now resides. In 1861 he received the Fiske Fund prize, and in 1865 the prize of the Ga. med. asso.; founded, in Jan., 1866, the *Richmond Medical Journal*, which he moved to Louisville in 1868, and has since published there under the name of the *Richmond and Louisville Medical Journal;* established the *American Medical Weekly* in July, 1874. In Aug. and Oct., 1873, received from the univ. of N. C. the degrees of A. M. and LL.D. He is a member of the medico-chirurgical soc. of Louisville, of which he was elected president in Dec., 1868; the various other medical societies of Louisville; the Richmond acad. of med., of which he was elected president in 1867; the Ky. State med.

asso.; the Am. mutual benefit asso. of phys., of which he was elected president in March, 1875; and the Am. med. asso.; a corres. member of the Louisville obstet. soc., and of the Boston gynæcol. soc.; an hon. member of the S. C. med. asso.; and an hon. and corres. member of the coll. of phys. and surg. of Arkansas; and was formerly a member of the Fla. State med. soc., of which he was elected vice-president, as also annual orator. He was appointed ass't surg. of the 1st Md. reg. in May, 1861; surg. of the same reg., and also brigade-surg. in Aug., 1861; med. inspector of the army of Virginia in Sept., 1861; med. director of one-half of the army in Oct., 1861; a member of the med. examining board of the army of Virginia in Dec., 1861; med. director of the dep't of Aquia in March, 1862; med. director of one-half of the army around Richmond in May, 1862, losing his right arm in the battle of the Seven Pines, May 29th, 1862, but reporting for duty the following August; med. director of the dep't of N. C. and Va., being in charge of all the hospitals of these two States, in Sept., 1862, shortly after which he was invalided for three months; med. inspector of the hosp. dep't of Va. in April, 1863; and in Dec., 1863, general inspector of the Confederate hosps., serving in that capacity till the close of the war. In June, 1867, he was made prof. of general pathol. and pathol. anat. in the med. coll. of Va.; and in May, 1868, was elected to the same chair in the Ky. school of medicine at Louisville, of which he became dean. In Aug., 1869, he was appointed prof. of the principles and practice of medicine and general pathology in the Louisville med. coll., of which he has been dean since the first year of its foundation. He was married in 1856 to Jane Marshall Thomas, daughter of the Rev. Ed. Thomas, of Charleston, S. C., and who died in April, 1860, leaving no children; and, Oct. 5th, 1865, to Mary Elizabeth Gibson, daughter of Prof. C. B. Gibson, of Richmond, Va., and granddaughter of Prof. Wm. Gibson, of the univ. of Pa. By this marriage there have been five children, of whom four are living.

EMMET, THOMAS ADDIS, New York, was born, May 29th, 1828, at the university of Virginia, where his father, Dr. John Patten Emmet, was then prof. of chemistry and mat. med. He is a grandson of the famed Thomas Addis Emmet, and a grandnephew of Robert Emmet, whose genius and fate immortalized his name. He received his education at a preparatory school at the univ. of Va., and in a school at Flushing, Long Island, under the charge of the Rev. Francis L. Hawks, completing it by a partial course in the academical dep't of the univ. of Va., after which, in 1845–46, he entered the Jefferson med. coll., Philadelphia, from which he graduated in 1849–50, serving afterwards as res. phys. in the Emigrant refugee hosp., Ward's island, near the city of New York, for two years, before the expiration of which, however, he was appointed in 1852 one of the visiting phys. to the same institution, serving in this capacity for three years. In the fall of 1852 he commenced the practice of medicine in the city of New York, where he has since continued it. In 1855, shortly after the building was opened for a hospital under the charge of the woman's hospital association, he became attached to the institution as ass't surg. to Dr. Sims. In 1862 he was appointed surg.-in-chief. This institution was afterwards merged into that under the charter of the woman's hospital of the State of New York, and the present hospital was built and organized under his direction. He remained at its head until May, 1872, when it was thought advisable to place the hospital in charge of the board of surgeons, of which he was made a member, and on which he has since served as visiting surgeon. He was appointed in 1876 one of the consulting physicians to the Roosevelt hosp. of the city of New York. Since 1859 he has devoted his attention to the treatment of the diseases of females as a specialty. He is a member of the principal societies of the city of New York; has been president of the New York obstet. soc., and vice-president of the med. soc. of the county of New York; and is a permanent member of the State med. soc. His principal contributions to medical literature comprise the following productions: "Calcareous Deposition on the Surface of the Heart, with References as to the manner in which the Blood is Propelled from that Organ," *New York Medical Times*, 1855; "On Œdema Glottidis Resulting from Typhus Fever, etc.," *American Journal of the Medical Sciences*, 1856; "Silver Ligatures and Sutures," *American Journal of the Medical Sciences*, 1859; "A Radical Operation for Procidentia Uteri," *New York Medical Journal*, April, 1865; "Treatment of Dysmenorrhœa and Sterility," *New York Medical Journal*, June, 1865; "Reduction of Inverted Uteri by a New Method," *American Journal of the Medical Sciences*, Jan., 1866; "Reduction of Inverted Uteri, etc.," *American Journal of the Medical Sciences*, April, 1866; "Accidental and Congenital Atresia of the Vagina, with a Mode of Operating for Successfully Establishing the Canal," *Richmond Medical Journal*, Aug., 1866; "Inversion of

the Uterus with a New Mode of Procedure to be Adopted as a Last Resort," *American Journal of the Medical Sciences*, Jan., 1868; "Vesico-Vaginal Fistulæ from Parturition and other Causes, with Cases of Recto-Vaginal Fistulæ," W. Wood & Co., New York, 1868; "Surgery of the Cervix, etc.," *American Journal of Obstetrics*, Feb., 1869; "Inversion of the Uterus, etc.," *American Journal of Obstetrics*, Aug., 1869; "A Case of Ovariotomy—the Pedicle Secured with Silver Wire by a New Method," *American Journal of Obstetrics*, Feb., 1870; "A Rare Form of Spina Bifida, etc., Presenting Features in Common with an Ovarian Cyst," *American Journal of Obstetrics*, Feb., 1871; "Prolapsus Uteri, its Chief Causes and Treatment," *New York Medical Record*, 1871; "Chronic Cystitis in the Female, and a Mode of Treatment," *American Practitioner*, Louisville, Feb., 1872; "Laceration of the Perinæum, involving Sphincter Ani, and Operation for Securing Union of the Muscle," *New York Medical Record*, March, 1873; "Philosophy of Uterine Disease, etc.," *New York Medical Journal*, July, 1874; "Laceration of the Cervix Uteri, as a Frequent and Unrecognized Cause of Disease," *American Journal of Obstetrics*, Nov., 1874; "Treatment and Removal of Fibroids from the Uterus by Traction," Transactions of the med. soc. of the State of N. Y. for 1875; "Etiology of Uterine Flexures, with the Proper Mode of Treatment Indicated," Transactions of the Am. gynæcol. soc. for 1876; "Proper Treatment for Lacerations of the Cervix Uteri," *American Practitioner*, Jan., 1877; "Removal of Fibrous Tumors from the Uterus by Traction, etc.," *American Journal of Obstetrics*, Jan., 1877. He is at present engaged in preparing a work on the "Diseases of Women." He was married in February, 1854, to Catherine, daughter of John Duncan, Esq., of Montgomery, Alabama.

McDANIEL, EDWARD DAVIES, Camden, S. C., grandson of Edward McDaniel, a revolutionary soldier and son of William McDaniel and Jane (Strong) McDaniel, was born in Chester district, S. C., July 7th, 1822. He received an early education at the schools in the neighborhood, both primary and high, and afterwards being unable to acquire additional school opportunities, studied book-keeping and entered mercantile life. At a still later period he entered Erskine coll., where he remained six years, receiving the degree of B. A. in 1844. He then commenced the study of medicine under Dr. John Douglass, of Chester, where he remained till 1845, then removed to Dallas co., Ala., where he devoted himself to teaching and study. In 1849 he was selected to superintend the manufacture of suitable telescopes for the astronomical observatory of Erskine coll., S. C., and while attending to this duty, he visited various eminent institutions of learning, to make what advances he could, in improved methods of teaching. In 1854 he received the degree of A. M. from the univ. of Ala. In 1855 he removed to Charleston, and prosecuted his medical studies till he graduated M. D. from the med. coll. of the State of S. C. in 1857. After graduating he settled in Camden, Wilcox co., Ala., and devoted himself to the general branches of his profession, and without claiming any special department, except pneumonia and malarial fevers, the diseases of the region. He is a member of the Wilcox med. soc., and has been its vice-president for many years; was for one year vice-president of the Ala. State med. asso., and was president of the same in 1876. In 1877 he received the degree of LL. D. from the univ. of Ala. During 1873 and 1874 he occupied the chairs of chemistry, physiology, and geology in the Wilcox female institute. During the civil war he was employed in various services for the Confederate government, such as physician to the post and to the small pox hospital in Camden; examining surg., etc. He is the author of a number of reports and papers, contributed to various medical journals, among others on "Irritation of the Urinary Organs Produced by Santonica and Santonine," *New Orleans Medical and Surgical Journal;* report on "Hæmorrhagic Malarial Fever in Alabama;" report to Alabama State med. asso. on "Warm Cerebro-Spinal Bath in Congenital Apnœa," and on a "New Method of Artificial Respiration," Transactions of the Am. med. asso. for 1869, etc. This system of respiration is known in Alabama as "McDaniel's Method." He has also promulgated in connection with this some views ("deemed new") in regard to the digestive and urinary functions in their relation to respiration, maintaining that urinification and digestion are excited functions dependent upon respiration. He has for several years been elected a member of the town council of Camden, and has several times been re-elected president of the Wilcox agricultural and mechanical association. In 1858 he married Matilda Blair, daughter of the late John Tabb, formerly of Mecklenburg co., Virginia.

BROWN, FRANCIS H., Boston, Mass., was born in Boston, Aug. 8th, 1835. He is the son of Francis and C. Matilda Brown. His ancestors came to this country in 1632, and settling in the neighborhood of

Boston, where their descendants have always lived. He graduated at Harvard univ. in 1857, receiving the degree of A. M. in 1860, and in 1861 graduated from the Harvard med. school, beginning his practice in Cambridge, where he remained three years, after which, in 1864, he removed to Boston. He is the originator and one of the founders of the Children's hospital, of which he is also one of the visiting surgeons. He was formerly editor of the *Boston Medical and Surgical Journal;* is now editor of *Medical Register of New England.* He is a member of the Mass. med. soc.; the Boston med. asso.; the Boston soc. for med. observation; the obstet. soc. of Boston; the Walker soc. for med. improvement; and the Boston med. library asso. During the civil war he served as acting ass't surg. in the U. S. army. He was married in Sept., 1861, to Louisa B. Eaton, by whom he had one child; and in March, 1871, to Mary S. Wood.

CHAILLÉ, STANFORD EMERSON, New Orleans, La., was born in Natchez, Miss., July 9th, 1830. He is the son of Wm. H. Chaillé and Mary Stanford, the grandson of Wm. Chaillé and Anna Handy, the great-grandson of Col. Peter Chaillé (a rebel of 1776) and of Comfort Houston, the great-great-grandson of Moses Chaillé and Mary Allen, and the great-great-great-grandson of Moïse Chaillé, a Huguenot refugee from La Rochelle, after the repeal of the edict of Nantes. His mother was the daughter of Anna Dashiell and Dr. Clement Stanford, and niece of the Hon. Richard Stanford, who was member of Congress from North Carolina from 1797 to 1816, and son of Richard Stanford, of Vienna, Md. All of his American ancestors were born on the eastern shore of Maryland and were prominent rebels from 1776 to 1783. He was educated at Phillips acad., South Andover, Mass., graduating from that institution in 1847. He then entered Harvard coll., taking the degree of A. B. there in 1851, and A. M. in 1854. His medical education was obtained in the med. dep't of the univ. of La., where he graduated M. D. in 1853. He subsequently spent three years in study in Paris and other European cities. He has been a citizen of New Orleans since 1851. He is an associate fellow of the coll. of phys., Philadelphia; a member of the Am. public health asso.; and ex-member of the Am. med. asso. He was also hon. member of the International med. congress, held in Philadelphia in 1876, and was chosen to deliver one of the ten addresses on that occasion. His contributions to medical literature have been on various medical subjects. The following have appeared in the *New Orleans Medical and Surgical Journal:* "Transposition of the Visceræ," Sept., 1853; "Case of Successful Ovariotomy," Jan., 1855; "Anniversary Oration," March, 1856; "Louisiana Insane Asylum," Jan., 1858; "History of New Orleans Yellow Fever Epidemic of 1858," Nov., 1858; "Invention of the Laryngoscope," July, 1860; "Experimental Physiology," Nov., 1860; "Historical Sketch of the Professors and Alumni of the Medical Department of the University of Louisiana," May, 1861, and July, 1866; "Endoscope and Turkish Bath," Nov., 1866; "Chemistry of Urine, etc.," March, 1867; "Experimental Physiology, Animal Grafting, etc.," May, 1867; "Spectrum Analysis, Fluorescence, etc.," July, 1867; "Thrombosis, Embolism and other Lesions of Yellow Fever," July, 1868; "Physiology of Cerebral Circulation and of Cerebral Ventricles," Oct., 1868; "Vital Statistics of New Orleans, No. 1," Jan., 1870; "Ditto, and Yellow Fever from 1862 to 1865, No. 2," July, 1870; "Ditto, from 1869 to 1874, No. 3," July, 1874; "Post-Mortem Changes *vs.* Ante-Mortem Lesions," March, 1874; "The Medical Colleges, Medical Profession, and The Public," May, 1874; "Opium and Opium Mania Cures," May, 1875; "Climatotherapy, etc.," May, 1876; "Origin and Progress of Medical Jurisprudence" (this last-named article appears in the Transactions of the International med. congress, 1876–77). He is also author of various papers not strictly confined to medical subjects, such as "Laws of Population and Voters," published in 1872; "Living, Dying, Registering and Voting Population of Louisiana, 1868 and 1874," Congressional report, National medical library, etc.; and "Intimidation and Voters in Louisiana, 1876," also Congressional report, National medical library. He was resident student in the New Orleans Charity hosp., 1851 to 1853; res. phys. U. S. marine hosp., 1853–54; res. phys. Circus street hosp., New Orleans, 1854 to 1860; acting surg.-gen. of Louisiana in 1862; surg. in Confederate army, 1862 to 1865; med. inspector, army of Tennessee, 1862–63; surg.-in-charge of a hosp., Atlanta, Ga., 1863–64; surgeon-in-charge, Ocmulgee hosp., Macon, Ga., 1864–65. He was co-editor and proprietor of the *New Orleans Medical and Surgical Journal,* 1857 to 1868. Demonstrator of anat. in the med. dep't of the univ. of La., 1858 to 1867; lecturer on obstetrics, etc., 1865–66; prof. of physiol. and pathol. anat., 1867 to the present time. In 1876 he was appointed prof. of obstetrics, which chair he resigned and was unanimously reappointed to fill his previous and present chair. He has been twice married. In 1857 he married

Laura Ellena, daughter of Lieut-Col. John Mountfort, U. S. army; she died in 1858. In 1863 he married Mary Louisa, daughter of Leroy Napier, Esq., of Macon, Ga.; she died in 1873. He has only one child, Mary Laura Chail.é, daughter of his first wife.

STILLÉ, BENJAMIN, New Orleans, La., descended from the early Swedish settlers on the Delaware, son of Benjamin and Ann (Eliza) Stillé, was born in Philadelphia, March 17th, 1814. Educated in the univ. of Pa., he was graduated thence B. A. in 1834, and M. D. in March, 1837. Upon graduation in medicine, he was elected res. phys. and surg. to the Philadelphia hosp. for one year, and at the expiration of his term of service he entered upon private practice in Vicksburg, Miss. In 1846 he removed thence and finally established himself in New Orleans. The most notable events of his professional career have been the several epidemics—yellow fever and cholera, also epidemics of malignant erysipelas in 1840, and cerebro-spinal meningitis in 1846–47—that have visited New Orleans and Mississippi during his forty years of residence in that city and State; seasons of arduous labor which have, however, been of value in that they gave him exceptional opportunity for studying both forms of disease. He has been a member of various medical societies—many of which are now extinct—but at present is a member of the Philadelphia med. soc., to which he was elected in 1837. He married, Feb. 2d, 1853, Cécilia, daughter of Neuvite Bienvenu, Esq., a descendant of one of the old Creole families of Louisiana.

BUIST, JOHN SOMERS, Charleston, S. C., of Scotch-French descent, son of George Buist, and a grandson of the Rev. George Buist, D. D., was born in Charleston, S. C., Nov. 20th, 1839. Graduating, third honor, from the Charleston coll. in March, 1859, he entered the S. C. med. coll., graduating thence M. D., first honors, in March, 1861. In the latter year he entered the Confederate army as an ass't surg.; served in this capacity for two years; in 1863 was commissioned as a surg., with the rank of major, and served as such during the balance of the war. In 1865 he established himself in private practice in Charleston, making a specialty of surgery. Among his more notable operations was the removal of the upper jaw of a child nine years of age, reported in Transactions of med. soc. of S. C. He materially aided in the organization of the health dep't now (1877) in operation in Charleston, and in 1871 was mainly instrumental in the reorganization of the Charleston hospitals. He is a member of the med. soc. of S. C.; of the S. C. med. asso., having served as chairman of the committee appointed, after the war, for the reorganization of the latter, and has been three years its recording secretary, and since 1874 its corres. secretary. From 1870 to 1873 he was ass't prof. of mat. med. in the S. C. med. coll., and is at present a clin. lecturer at the Charleston city hosp. during the sessions of the S. C. med. coll. He is phys.-in-chief to the city and Roper hosps.; phys. to the U. S. marine hosp.; was phys. to the State orphan asylum, and temporary phys. to the Ursuline convent. Among his professional publications may be mentioned papers "On Abdominal Rupture;" "On Treatment of Fracture of Thigh," and several articles on "Guinea Worm." He married, Feb. 21st, 1867, Margaret S., daughter of A. S. Johnston, Esq., of Charleston.

BOLLES, WILLIAM PALMER, Boston, Mass., was born near New London, Conn., June 14th, 1845. He is a son of Wm. Bolles, of New London, author and publisher, and a descendant of Joseph Bolles, who came to this country upwards of two hundred years ago, and whose son, Thomas, shortly afterwards removed to New London. He graduated at the Harvard med. school in June, 1871, and settled in Boston, having been house-officer at the Boston city hosp. in 1870, as he was also ass't surg. to out-patients in 1873. He is now surg. to out-patients, and pathologist at the above-mentioned hospital; a member of the Mass. med. soc.; the Boston soc. for med. observation; the Boston soc. of the med. sciences; the Roxbury med. soc., and the Dorchester med. club; also of the Am. pharmaceutical asso., and the Mass. horticultural soc.; and an hon. member of the Mass. coll. of pharmacy, in which he is prof. of mat. med. and botany, etc., etc. His writings consist chiefly in occasional contributions to the *Boston Medical Journal* and other periodicals, and to the Medical and Surgical Reports of the Boston city hospital, second volume.

DANFORTH, ISAAC NEWTON, Chicago, Ill., was born at Barnard, Vt., Nov. 5th, 1835. He is a grandson of Dr. Isaac Danforth, formerly of Barnard, Vt., a pioneer physician of that State when known as the "Hampshire Grants." He graduated from the med. dep't of Dartmouth coll. in 1861, settling the same year in Greenfield, N. H., whence he removed to Chicago in 1866. His specialty is medical microscopy. He is a member of the Chicago society of phys. and surg.; and of the Chicago med. soc., of the

Pathological Transactions of which he has been the editor since Oct., 1876. He has contributed various articles to medical journals, including one on "Death, Legal and Actual," one on "Microscopic Appearances of Cancer Cells," and a series of essays on "The Microscope in Daily Practice," published in the *Chicago Medical Journal and Examiner*. He is lecturer on pathology in the Rush med. coll.; pathologist to St. Luke's hosp., and consulting phys. to the Illinois charitable eye and ear infirmary. He was married in June, 1869, to Elizabeth Skelton.

BRINTON, JOHN H., Philadelphia, graduated at the Jefferson med. coll., Philadelphia, in 1852; appointed surg. to the St. Joseph's hosp., Philadelphia, in 1859; and to the Philadelphia hosp. in 1869. From 1861 to 1865 served as brigade surgeon and surgeon of U. S. volunteers.

JENKS, EDWARD W., Detroit, Mich., was born in Victor, Ontario co., N. Y., March 31st, 1833. His father, Nathan Jenks, of New England, who was of Quaker ancestry, emigrated to Indiana in 1843, where he founded a town called "Ontario," and endowed a collegiate institute called "La Grange Collegiate Institute." He attended that institution, receiving his academic education there; attended lectures in the med. dep't of New York univ. in 1852 and 1853, and at Castleton med. coll., Vt., in 1855, graduating from the latter institution in this year. He, also, in 1864 received the *ad eundem* degree of M. D. from Bellevue hosp. coll., New York. Settling first at Ontario, Ind., he removed to Warsaw, N. Y., finally establishing himself in Detroit in 1864. He was one of the founders of the Detroit med. coll. in 1868, and is now president of its faculty; also prof. of obstetrics and diseases of women, a branch of medicine to which he has given special attention. From 1871 to 1875 he was prof. of surgical diseases of women in Bowdoin coll., Me. He is also surg. to the gynæcol. dep't of St. Mary's hosp. and St. Luke's hosp., and consulting surg. to Woman's hosp. He is a member of the Am. med. asso.; of the Detroit med. and library, and of the Me. med. assos., being hon. member of the latter; was president of the Mich. State med. soc. in 1874; hon. member of the Ohio State med. soc., and fellow of the Am. gynæcol. soc.; also in 1870 president of the Detroit acad. of medicine, and also of the Toledo, O., med. asso.; of the Northeastern med. soc. of Ind., and of the Northwestern district med. soc. of O. Four years he was editor of the *Detroit Review of Medicine*, and he has frequently contributed to medical journals. In 1859 he married Julia, daughter of J. H. Darling, Esq., of Warsaw, N. Y. After her death, in 1866, he married Sarah R., daughter of Hon. J. T. Joy, of Detroit.

EDWARDS, LANDON BRAME, Richmond, Va., was born, Sept. 20th, 1845, in Prince Edward co., Va., his father being the Rev. John E. Edwards, D. D., of the Methodist Episcopal church, South. His primary education was received at the Lynchburg, Va., military coll., and at the Randolph-Macon coll., Va. In 1863 he enlisted in the artillery corps of the Confederate army, where he served until the close of the war. During the winter of 1864–65, his health failing, he was furloughed, and while at home attended a partial course of lectures at the med. coll. of Va. In 1865–66 he attended the medical lectures at the univ. of Va., and in 1866–67 at the med. dep't of the univ. of the city of New York, where he graduated and received the degree of M. D., March 1st, 1867. Until Oct., 1867, he served as house phys. to the Charity hosp., Blackwell's island, and then as ass't phys. to the hosp. for nervous diseases of Dr. M. Gonzales Echeverria, at Lake Mahopac, Putnam co., N. Y. In the spring of 1868 he removed to Lynchburg, Va. At the organization of the med. soc. of Va., in 1870, he was elected recording secretary, which position he still retains. In 1872 he was appointed a member of the State board of health. Later in 1872 he removed to Richmond, Va. In 1873 he was elected a corres. member of the gynæcol. soc. of Boston; and at the session of the med. soc. of Va., held the same year, was elected its treasurer. In April, 1874, he established the *Virginia Medical Monthly*, of which he still continues editor and proprietor. About the same time he was elected lecturer on anat. in the med. coll. of Va., and in the spring of 1875 elected lecturer in the same college on mat. med. and therap., both of which he resigned in the spring of 1876. He is now the surg. of the 1st reg. Va. vols. He was married to Nannie, daughter of Geo. M. Rucker, of Lynchburg, Va., on Jan. 17th, 1871.

GILMAN, JOHN HENRY, Lowell, Mass., son of John Gilman and Sarah Coffin (Gilman) Gilman—the latter of Alton, N. H.—and a descendant of Edward Gilman, who in 1638 immigrated with his wife and family from Hingham, Norfolk co., England, and settled in Hingham, Mass., whence he removed to Exeter, N. H., in 1653, and whose three sons, John, Edward and Moses, are the progenitors of nearly all the Gilmans in Exeter

and Gilmanton, N. H., was born at Sangerville, Me., Feb. 24th, 1836. He was educated at the Lowell public schools; at Phillip's acad., Andover; and studied medicine in the med. dep't of Harvard univ., and graduated in 1863, settling in Lowell. In 1874 he went to Europe, and visited the medical centres of England, Scotland, Ireland, France, Germany, Austria, and also Switzerland and Italy—pursuing special studies in Vienna. He is a member of the Mass. med. soc., and British med. asso. He is the author of the mortality reports for the year 1869–70; "Facial Paralysis," *Boston Medical and Surgical Journal*, 1867; "Means for Controlling Small-Pox," *ibid.*, 1871; "Typhoid Fever in Lowell in 1869 and 1870;" State board of health report, 1871, etc. He was city phys. of Lowell in 1869–70; consulting phys. to board of health, 1871; phys. to St. John's hosp. and to Lowell dispensary. In March, 1863, he was commissioned ass't surg. 107th Mass. vols., and served in that capacity till July, 1864. In Aug., 1864, he re-entered the service as acting ass't surg. U. S. army, and was in charge of wards 9 and 10 of Mt. Pleasant hosp., Washington, D. C., till the close of the rebellion. During his active military service he was present at the battles of North Anna, Rappahannock Station, Petersburg, Mine Run, Chancellorsville, Cold Harbor, Spottsylvania, Wilderness, Gettysburg, etc., etc.

STEWART, JAMES A., Baltimore, Md., son of R. S. Stewart, was born in Baltimore, April 3d, 1828. Graduating from St. Mary's coll., he entered the med. dep't of the univ. of Md., and in March, 1850, received his degree of M. D. In the same year he established himself in general practice in Baltimore—the prestige of his father's name securing him professional standing and success. He was for several years phys. to the Baltimore general dispensary; ass't med. sup't of the Md. hosp. for the insane; and for the past five years has been commissioner of health for Baltimore city. He is a member of the Am. med. asso.; of the med. and chirurg. faculty of Md., at present one of its vice-presidents; of the Baltimore patholog. soc., of which he was president in 1874; and of the public health asso. He was married, Feb. 25th, 1851, to Sarah E., daughter of Arthur T. Baxter, Esq., of Baltimore.

CRAWFORD, JOHN S., Williamsport, Pa., was born at Orwigsburg, Schuylkill co., Pa., Nov. 17th, 1808, of Scotch-Irish parentage. He pursued his medical studies in the Jefferson med. coll., whence he graduated M. D. in March, 1838, settling first in Cambria, Luzerne co., but subsequently removing to Williamsport in April, 1849. He is a member of the Am. med. asso.; of the State med. soc. of Pa., was its president in 1871; of the Lycoming co. med. soc., was its president five years; and of the Williamsport city med. soc., its president two years. During the war he was appointed State examining surgeon for drafted men, and in 1863 was appointed government examining surgeon for the pension dep't. He still holds this position. He has been married three times.

CHAMBERLAIN, CHARLES WALTER, Hartford, Conn., son of the Rev. Charles and Mary E. (Bassett) Chamberlain—the former a clergyman of the Congregational church, the latter of "Mayflower" descent—was born in Providence, R. I., July 22d, 1844. Educated at the Brown univ., and at the New York coll. of phys. and surg., he was graduated M. D. from the latter institution in 1871, and—making a specialty of laryngology—in the same year established himself in Hartford. He is a member of the Hartford city and county med. socs., and of the Conn. State med. soc., secretary of the latter in 1876. To the Transactions of the State soc. for 1876 he contributed an article upon "Laryngeal Phthisis," and in 1877 one on "Spasmodic Stricture of the Œsophagus." In 1877 he was appointed by Gov. Hubbard examining surg. for the soldiers in the State hospitals. Since 1874 he has been examining surgeon to the U. S. pension bureau.

WHITE, ISAIAH H., Richmond, Va., son of Samuel C. White, of Onancock, Accomac co., Va., was born in Onancock, July 24th, 1838. He was educated at William and Mary coll., Williamsburgh, Va., and pursued his medical studies at the med. coll. of Va., at Richmond, graduating thence in 1861 and settling in Richmond in general practice. He is a member of the med. soc. of Va., and of the Richmond acad. of med. His contributions to medical literature consist of occasional contributions to medical periodicals, among them various sanitary reports of Andersonville prison. From 1868 to 1871 he was sup't of the med. coll. hosp. at Richmond, and from 1865 to 1876 he was demonstrator of anatomy in the med. coll. of Va. During the war he served as surgeon in the Confederate army; was chief surgeon of military prison-hospitals east of the Mississippi, and was stationed a part of the time at Andersonville prison. He married, in 1871, Mrs. Caroline W. Brooks, *neé* Kern, daughter of Daniel Kern, Esq., of Waterloo, N. Y.

WHITE, OLIVER, New York, son of Dr. Ebenezer White, Jr., grandson of Dr. Ebenezer White, great-grandson of Rev. Sylvanus White, great-great-grandson of Rev. Ebenezer White, and lineal descendant of Thomas White, of Weymouth, Mass., a member of the general court in 1636, was born at Somers, West Chester co., N. Y., April 9th, 1810. He studied medicine with his father, and attended medical lectures in the med. dep't of Yale coll., and was licensed to practise by the State med. soc. of Conn. in March, 1831. He also received the hon. degree of M. D. from the Bellevue hosp. med. coll., April, 1875. He settled in New York in general practice. He is a member of the Am. med. asso.; of the N. Y. State med. soc., one of its censors in 1865; of the New York acad. of med., one of its original fellows and has been its vice-president; of the New York co. med. soc., elected in 1836, and has been its vice-president and president; of the soc. for the relief of widows and orphans of medical men, has been its vice-president and president, and one of its managers for over twenty years; hon. member of Dutchess co. med. soc., etc. He contributed the report of a case of "Impalement through the Vagina, with Recovery," to the N. Y. State med. soc.—*vide* vol. of Transactions of 1864. He is consulting phys. to the Presbyterian hosp., and president of its medical board; one of the consulting staff of the Northeastern dispensary, and a trustee of the New York dispensary.

BOYNTON, HENRY, Woodstock, Vt., was born in Pepperel, Mass., Dec. 2d, 1823. He was educated at Pepperel acad., and at Dartmouth coll., and studied medicine in the Vt. med. coll., whence he graduated M. D. in 1852, locating himself first at Hollis, N. H., and afterwards at Woodstock. He is a member of the N. H. and Vt. med. socs.; was member of the Vt. legislature from 1872 to 1876; was commissioner of insane from 1872 to 1876. He entered the army in Sept., 1861, served during the war of the rebellion until 1864 in the capacity of ass't surg. in the 7th reg. N. H. vols. In June, 1854, he married Sarah W., daughter of Nathan Cushing, Esq., of Woodstock, Vt.

TAYLOR, JAMES BRAINARD, New York, was born in Bristol, Ontario co., N. Y., May 11th, 1846, of ancestors who came from England in the 16th century. He graduated in medicine from the New York univ. in the spring of 1869, and settled in New York, in general practice, but giving special attention to the subject of vaccination. He is a member of the New York co. med. soc.; of the public health asso., and East river med. soc. He holds the position of ass't house-phys. to the Eastern dispensary, New York, and children's phys. in the same institution; also, school trustee of the New York board of education; and sup't of vaccination of the health dep't of the city of New York.

MORRIS, JOHN, Baltimore, Md., was born in Leacock township, Lancaster co., Pa., of Irish ancestry, Feb. 6th, 1824. He studied medicine with Dr. F. E. B. Hintze, of Baltimore, and in 1846, after passing an examination, he became licentiate of the medical and chirurgical faculty of Maryland, and established himself in Baltimore. He subsequently graduated M. D. at Bellevue hosp. coll., and is also an L. M. of Rotunda hosp., Dublin, where he also lived for some time as interne. During the yellow fever epidemic at Norfolk, in 1855, he was one of the volunteer physicians, and subsequently received the gold medal presented by the citizens of Norfolk to the surviving volunteer physicians. He is a member of the Am. public health asso.; of the Am. med. asso., which he represented at the British med. asso. in 1875 at Edinburgh; of the Am. asso. for the cure of inebriates; Rocky Mountain med. asso.; Baltimore acad. of sciences; acad. of med.; German med. soc.; med. and surg. soc., president in 1873; patholog. soc., president in 1869; of the Md. med. and chirurg. faculty, etc., etc., and since 1875 has been president of the Md. inebriate asylum. For a number of years he has contributed reports and papers to the leading medical periodicals. He was a member of the Maryland legislature in 1852, and was postmaster of Baltimore under Buchanan in 1857, besides holding various other local offices. In 1871 he married Caroline Canfield, daughter of Wycoff Piatt, Esq., of Cincinnati.

LEFFMANN, HENRY, Philadelphia, was born in Philadelphia, Sept. 9th, 1847. He was educated at the Central high school in the same city, and pursued his medical studies in the med. dep't of Jefferson med. coll., graduating thence M. D. in 1869, and settling in Philadelphia immediately after, giving his attention especially to medical chemistry. He contributed an article on "Ammonium Amalgam," *American Journal of Science*, July, 1866; "On the Reaction of Chloral with Urine Tests," in paper by Dr. W. W. Keen, *American Journal of Medical Science*, July, 1875; "On Cerium Oxalate," in conjunction with Dr. C. K. Mills, *Philadelphia Medical Times*, Dec. 25th, 1875; also

various articles on "Food Adulteration" in Philadelphia *Press*, etc., etc. He is prof. of chemistry in the artisan's night school, Philadelphia; microscopist to Pa. State board of chemistry; ass't prof. of chemistry at Central high school, Philadelphia; chemist to the coroner of Philadelphia during 1875; lecturer on toxicology in summer school of Jefferson med. coll. in 1875.

LEVICK, JAMES J., Philadelphia, son of Ebenezer Levick and Elizabeth (Wetherill Jones) Levick, was born in Philadelphia. His father's family belonged to Kent co., Delaware, and his mother's were Philadelphians, whose ancestors were Friends and associates of Penn, and in the early history of the colony took an active part in civil and religious society. His literary and classical education was obtained under a private tutor. He graduated at Haverford coll. in 1842. He studied medicine in the office of Prof. George B. Wood, and graduated from the univ. of Pa., in 1847. He then visited Europe, and on his return was for a little while ass't phys. at the Pa. hosp. for the insane, and was then elected res. phys. of the Pa. hosp., where he remained for over two years. In 1851 he began general practice in Philadelphia, and in the same year commenced giving private medical instruction to the summer pupils of Dr. Wood; and subsequently in association with Drs. H. Hartshorne, Hunt, Lassiter and Penrose was engaged in office and other medical teaching, their pupils in the aggregate numbering over a thousand. He was elected a member of the coll. of phys. in 1851; a little later of the Philadelphia co. med. soc.; and, in 1864, became a member of the Am. med. asso. He is a member of the acad. of natural sciences of Philadelphia, and of the historical soc. of Pa. His contributions to medical literature have been various; among them are the following: "Spotted Fever without Cerebro-Spinal Meningitis," *American Journal of Medical Sciences*, vol. l.; and an address before the Baltimore meeting of the Am. med. asso., 1866, on "Spotted Fever So-called," maintaining its identity with epidemic cerebro-spinal meningitis so-called, its character as a fever rather than as a phlegmasia, and giving preference to the name "Cerebro-Spinal Fever;" "Sunstroke Treated by the Use of Large Pieces of Ice," *ibid.*, vol. lii.; "The Prolonged Use of Hypodermic Injections of Morphia," *ibid.*, vol. xlv.; "Remarks on Epidemic Influenza," etc., etc., *ibid.*, Jan., 1864; paper on "Miasmatic Typhoid Fever," *Medical and Surgical Reporter*, June, 1862, and in the *American Medical Journal*, April, 1864; "Remarks on Sunstroke," *ibid.*, 1858, in which attention is directed to its resemblance, in many of its symptoms, to an idiopathic fever, and it is suggested that these phenomena may be due to a modification in the nerve centres, from the elevation of temperature, by which the conservative or regulating influence of nervous power is lost in part or in whole; "Remarks on Chorea and Allied Disorders," *ibid.*, vol. xliii.; "Sketch of the Dance of St. Vitus," etc., etc., *Medical and Surgical Reporter*, Dec., 1861; "Notes of Cases of Phthisis Pulmonalis in Pennsylvania Hospital, with Remarks on Cod-Liver Oil in Tuberculous Diseases," *American Journal of Medical Sciences*, April, 1851. Besides serving as physician to several smaller charitable institutions, he was elected in 1853 attending phys. to Wills hosp., and continued so till the junction of the duties of the medical and surgical staff; in 1856 he was elected attending phys. to the Pa. hosp., a position retained till he resigned in 1868, and where he introduced the use of ice in the treatment of sunstroke. In 1868 he was appointed lecturer on auscultation and percussion, etc., in the summer course of the univ. of Pa. During the rebellion he received the appointment of surg.-in-charge of the hosp. at Twelfth and Buttonwood streets, Philadelphia; organized a military hosp. at Hagerstown, as volunteer surgeon, after the battle of South Mountain; and subsequently rendered efficient aid after the battle of Antietam. Unmarried.

LOOMIS, ALFRED L., New York, son of Daniel Loomis, an extensive cotton manufacturer and merchant of Bennington, Vt., and of Eliza (Beach) Loomis, a member of one of the oldest families of that State, was born in Bennington, Oct. 16th, 1831. His early education was obtained at Hoosick Falls and in Rochester, N. Y. He also entered Union coll., from which he graduated in 1850, and received his degree of A. M. in 1856. He studied medicine with Dr. Willard Parker, of New York, and in the coll. of phys. and surg. in that city, receiving his degree of M. D. from that institution in 1852. Immediately after graduating he entered the hospitals on Ward's and Blackwell's islands, as ass't phys., a position he held for two years. He afterwards established himself in New York in general practice, but with special attention to diseases of the heart, lungs and kidneys. He is the author of a treatise on "Physical Diagnosis," published in New York in 1873, and which has gone through three editions; and also of a volume on "Diseases of the Respiratory Organs, Heart and Kidneys," etc., published in 1876. Among his contribu-

tions to current literature are "Lectures on Fever," *New York Medical Record*, 1876; and a lecture on "Peritonitis," in *American Clinical Lectures*, edited by Dr. E. C. Seguin. In 1859 he was appointed vis. phys. to Bellevue hosp., and subsequently vis. phys. to the Charity hosp. on Blackwell's island. In 1862 he was appointed lecturer on physical diagnosis in the coll. of phys. and surg., New York, a position he retained three years. In 1866 he was made adjunct prof. of theory and practice of medicine in the univ. of New York, and two years later prof. of pathology and practice of medicine in the same institution, which chair he still holds. In 1874 he was appointed vis. phys. to Mount Sinai hosp. In 1858 he married Sarah J., daughter of Henry Patterson, Esq., of Hoosick Falls.

LEONARD, CHARLES S., Ravenna, Ohio, was born at Plymouth, Mass., Aug. 12th, 1828. He was educated in medicine at the Geneva med. coll., the Cleveland med. coll., and the Bellevue hosp. med. coll., New York, graduating M. D. from the Cleveland med. coll. in 1856, and settling immediately after in Ravenna. He is a member of the Portage co., O., med. soc.; the union med. asso. of northeastern Ohio; the Ohio State med. soc., and the Am. med. asso. Among his contributions to medical literature is a case of the extraction of a goose-quill, four inches in length, from the bladder of a female, the little finger being used to produce dilatation of the urethra, *Medical and Surgical Reporter*, March, 1872. During the war he was surgeon for the pension bureau, and also for some time after surgeon for county military exemptions; is now examining surgeon for invalid pensioners.

JOHNSTON, CHRISTOPHER, Baltimore, Md., grandson of Christopher Johnston, of Moffatt, Scotland, and Susan (Stith) Johnston, of Northampton co., Va., was born in Baltimore, Sept. 27th, 1822. He received his classical education at St. Mary's coll., Cincinnati, and St. Mary's coll., Baltimore, and pursued his medical studies in the office of Dr. John Buckley, in the Baltimore almshouse hosp., and in the school of medicine of the univ. of Baltimore. He graduated M. D. in 1843 and settled in Baltimore, in general practice, but gave special attention to microscopy, histology, and pathology. In 1844 he travelled extensively over this country and then visited England, France, Germany, Italy, Holland, Spain, and Switzerland. He is a member of the Am. med. asso.; of the med. and chirurg. faculty of Md., its president, elected in April, 1876; of the Baltimore med. asso.; Baltimore clinical soc.; and of various microscopical socs. He has contributed many articles to the *American Journal of Medical Science*, *Microscopical Magazine*, of London, etc., etc. In 1864 he was appointed prof. of anat. and physiol.; in 1866 prof. of general descriptive and surgical anatomy; in 1869 prof. of prin. and prac. of surg.; and in 1870 prof. of surg. in the univ. of Md., the latter office he still holds. His facility as an artist enabled him to illustrate his lectures with large drawings and water-color pictures. In the course of his professional life he has successfully performed most of the great operations of surgery. In 1855 he married Sally L. C., daughter of Benjamin P. Smith, a member of the bar of Washington, D. C.

JAMES, MARTIN L., Richmond, Va., son of Martin James and Elizabeth (Thompson) James, was born in Goochland co., Va., Aug. 11th, 1829. He was educated at Richmond coll., in the univ. of Va., and at Jefferson med. coll. of Pa., graduating thence in March, 1852, locating himself first in Goochland, but removing to Richmond in 1867, where he has pursued a general practice, but has given special attention to the diseases of the respiratory organs and the organs of the circulation. He is a member of the Richmond acad. of med., and of the med. soc. of Va., and an hon. member of the Wythe med. asso. He holds the position of lecturer on the prac. of med. in the med. coll. of Va., and has by original researches established some of the diagnostic signs of heart clots. He is the author of several articles and reports to medical periodical literature. In 1865 he married Julia, daughter of William T. Jesse, Esq., of Epping Forest, Lancaster co., Va.

JOYNES, LEVIN SMITH, Richmond, Va., son of Thomas R. Joynes, a prominent lawyer and member of the Virginia constitutional convention of 1829–30, was born in Accomac co., Va., May 13th, 1819. He graduated A. B. from the Washington coll., Pa., in 1835, and also passed two years in the collegiate dep't of the univ. of Va. He pursued his medical studies in the med. dep't of that institution, and also at the univ. of Pa., graduating M. D. at the former in 1839. He subsequently passed two years and a half in the continuance of his medical studies in Paris, Dublin, etc., etc. He located himself in Accomac in 1843, removed to Baltimore in 1844, became prof. of physiol. and legal medicine in the Franklin med. coll. at Philadelphia in 1846, remaining there two years; returned to first location in 1849, and continued in practice there until 1855, when he was

elected prof. of institutes of med. and med. jurisprudence in the med. coll. of Va., at Richmond. He held this position (also that of dean of the faculty after 1856) until his resignation in 1871, when he was made emeritus professor. In 1872 he was appointed permanent secretary of the State board of health of Virginia. From April to June, 1861, he was ass't surg. in the "Forces of Virginia." He is a member of the Am. med. asso., elected in 1847, and of its judicial council since 1873; of the med. soc. of Va., president in 1858; of the Richmond acad. of med., president in 1866; and delegate from the med. soc. of Va. to the International medical congress in 1876. He has contributed largely to professional literature, as follows: "Obstetrical Auscultation," *American Journal of Medical Sciences*, Jan., 1845; "Mortality of Baltimore," *ibid.*, Oct., 1850 and 1851; "Emphysema of Cellular Tissue during Labor," *ibid.*, Jan., 1852; "Obstruction of Intestinal Canal by Worms," *Stethoscope*, May, 1851; "Ancient Superstition;" "Bierright," *ibid.*, Oct., 1851; "Colica-Pictonum from Acetate of Lead," *ibid.*, Dec., 1851; "On the Legal Relations of the Fœtus in Utero," *Virginia Medical Journal*, Sept., 1856; "Physiological Position of Fibrine," *ibid.*, May, 1859; "Oxalic Diathesis," *Richmond Medical Journal*, March, 1866; "Nævus Treated with Collodion," *ibid.*, Feb. and March, 1868; "Value of Medicinal Pepsin," *ibid.*, March, 1869; "Hæmorrhagic Malarial Fever," *ibid.*, March, 1877; "Consumption in Richmond," *Virginia Clinical Record*, Aug., 1871; "Extracts of Beef," *ibid.*, Sept., 1871; "Bromide of Zinc," *ibid.*, July, 1873; "Curiosities of Medical History;" "The Paris Pharmacopœa of 1758 and its Treasures," *Virginia Medical Monthly*, May and June, 1874; "First Medical Fee-Bill in Virginia—Compensation 140 years ago," *ibid.*, April, 1877, etc., etc., etc. In Dec., 1854, he married Rosa F. Bayly, of Richmond. She died in 1855. In June, 1858, he married Susan V., daughter of Dr. Robert Archer, of Richmond, formerly surgeon U. S. army.

JENCKES, GEORGE WASHINGTON, Woonsocket, R. I., was born in Woonsocket, Aug. 17th, 1829, of American parentage. He was educated at Worcester, at Brown univ., and studied medicine at Harvard coll., whence he graduated M. D. in 1854, settling immediately after at Woonsocket in general practice. He is a member of the Am. med. asso., and of the R. I. med. soc., was president of the latter in 1875. He is the author of an address upon "School Hygiene." He has filled several civil offices, as councilman, sup't of schools, etc., and is president or director in various corporations for banking and manufacturing purposes. In Jan., 1859, he married Martha A., daughter of Geo. W. Hunt, Esq., of Blackstone, Mass.

VANDERPOEL, EDWARD, New York, was born in that city, Sept. 13th, 1807, of New Jersey parents, whose ancestors were partly English and partly Dutch. He was educated in New York city, and graduated M. D. at Columbia coll. of phys. and surg. in New York, in March, 1833. He was ass't phys. in the Rivington street cholera hosp. of 1832. He commenced practice in that city immediately after graduating, and entered the Northern dispensary as phys. and surg., discharging its duties for over three years. He is a member of the New York acad. of med., elected in 1847; was consulting phys. to the ladies' home U. S. hosp. for sick and wounded soldiers; also is secretary of the Mott memorial library. He received a valuable embossed silver pitcher in acknowledgment of successful treatment of cholera patients in English Neighborhood, N. J., in the epidemic of 1854. From articles contributed are "Strychnia in Tetanus" (nine cures in succession), *New York Journal of Medicine*, Nov. and Jan., 1846-47; "On Strychnia and Phlebotomy in Tetanus and Hydrophobia," *Medical and Surgical Reporter*, May and Oct., 1876; "Neuralgia *vs.* Spasm of the Stomach, Dr. Valentine Mott cured, June 18th, 1870," *ibid.*; "Pill Swallowing," Sept., 1873; "Salivation by One Grain Doses of Iodide of Iron," *ibid.*, Aug., 1875. May, 1837, he married Ann Priscilla Barnes, who founded the ladies' home U. S. hospital, and gave her gratuitous services during four and a half years to the sick and wounded soldiers of the war, and whose energetic and untold labors were specially recognized by the U. S. government through Surgeon-General Barnes, with a special memorial to be signed by President Lincoln, in the shape of a handsomely engraved certificate (one of two or three only given), which was awaiting his signature when he was assassinated. She saved Mayor Opdyke's house from pillage and fire, in the July riots of 1863, obtaining a company of soldiers (an hour before the intended attack) from Gen. Brown at the Metropolitan police office, through Sup't Acton. In this she exposed her life with her husband's in an open carriage from Fourth street to the mayor's office, and thence to the police office in Mulberry street, breaking through a dense crowd of disloyalists from Broadway, some six hundred feet. She was, from her

unceasing toil and devotion to the soldiers, most truly called by Mr. Geo. W. Bungay, in a public address, the "Florence Nightingale of New York."

LITTELL, NORVAL W., Baltimore, Md., of French-English descent, was born at New Market, Shenandoah co., Va., Sept. 28th, 1829. Having attended his first course of medical lectures at the univ. of Virginia in 1851–52, he entered the Jefferson med. coll.; was graduated thence M. D. in March, 1853; was during the ensuing year resident phys. to the Wills eye hosp., Philadelphia, and since Sept., 1854, has been established in Baltimore. While engaged in general practice, he has given especial attention to ophthalmic surgery. In one case under his care, the patient had suffered from traumatic cataract and opacity of cornea for thirty-six years; having operated for cataract and having subsequently made an artificial pupil, vision was to a great extent restored. Another notable case, of a different character, treated by him, was that of a woman with deformed pelvis. He had already twice performed craniotomy, but in her third labor—whilst waiting for dilation, to again perform craniotomy—rupture of the womb occurred, and recourse was had to the Cæsarean section. This was successfully performed, and she recovered without a single unfavorable symptom. He is a member of the medical and chirurgical society of Baltimore. His professional publications have been restricted to occasional papers in medical periodicals, and have appeared without signature. In the session of 1857–58 he was lecturer on chemistry to the Newton academy, Baltimore, and from 1857 to 1858 was lecturer on ophthalmology and aural surgery to the Washington univ. in the same city. This latter position increasing practice compelled him to resign. Since the autumn of 1874, failing health has necessitated his withdrawal from active life, and has led to his temporary removal to the milder climate of Florida. He never married.

SLOCUM, CHARLES E., Shelbyville, Ind., of English descent, was born in Northville, Fulton co., N. Y., Dec. 30th, 1841. Educated at the univ. of Mich. and the coll. of phys. and surg., New York city, where he was graduated M. D., March, 1869. Later, he received the diploma of the Jefferson med. coll. and the degree of Ph. D. in course, from the univ. of Pa. On commencing practice he entered into partnership with his brother, Dr. J. C. Slocum, at Shelbyville, Ind., where he remained one year, when, his health failing, he passed some time travelling, and, in July, 1871, located at Defiance, Ohio, where he practised till the spring of 1877, when he returned to Indiana. During his residence in Ohio he became member of the Northwestern Ohio med. asso., and the Ohio State med. soc., from both of which in turn he has been chosen, and served as delegate to the Am. med. asso. He is also a member of the Philadelphia academy of natural sciences. He has been an occasional contributor to different journals. Among his published writings may be mentioned: "Malarious Aphasia," *Detroit Review*, May, 1873, and report of "A Case of Recovery from Extensive Compound Fracture of the Skull, and Loss of Brain Substance," *Medical Record*, Dec. 16th, 1876. In 1873 he was chosen U. S. examining surg. for pensions, which position he resigned in March, 1877. He has been for several years a director of the Defiance national bank, and has held various positions of trust in the community where he has lived.

POOLEY, THOMAS RICKETT, New York city, was born, Oct. 1st, 1843, in Chatteras, Cambridgeshire, England. He was educated at local schools and academies in the State of N. Y.; and graduated from the Bellevue hosp. med. coll. in March, 1864, subsequently attending medical lectures in London and Paris. He settled at first in the city of New York. His specialty is diseases of the eye and ear. He is a member of the med. soc. of the county of New York, which he has represented in the State med. soc.; the New York and the Am. ophthalmolog. socs.; the International ophthalmolog. congress; the Am. and International otological socs.; the med. journal asso.; the Yonkers med. soc., of which he was president in 1876; and the alumni asso. of the Bellevue hosp. coll., of which he was president in 1874 and 1875; a fellow of the New York acad. of medicine, etc. He is the author, among other writings, of papers on "Injury of the Left Eye—Sympathetic Ophthalmia of the Right Eye—Loss of Vision in the Eye Secondarily Affected—Vision Retained in the Injured One," *Archives of Ophthalmology and Otology*, No. 2, vol. i., p. 553, *et seq.*; "Two Cases of Sympathetic Ophthalmia Distinguished by the Occurrence of Neuro-Retinitis," *ibid.*, No. 1, vol. ii., p. 284; "A Case of Corectopia," *ibid.*, vol. iii., No. 1., p. 26; "Keratitis Vesiculose, with Secondary Glaucoma," *ibid.*, vol. iv., No. 2, p. 46; "Strabismus Operation—Tendinitis—Perforation of Sclerotic—Recovery," *ibid.*, vol. iv., No. 2, p. 404; "Hemiopia Depending upon a Gummy Tumor in the Left Posterior Lobe

of the Brain," *ibid.*, vol. v., No. 2, p. 148; "Foreign Body in the Eye Diagnosticated by Limitation of the Field of Vision," Transactions of the Am. ophthalmolog. soc., 1870; "Wound of the Sclera Treated by Suture, with Remarks," *ibid.*, 1873; "Sympathetic Ophthalmia," *New York Medical Journal*, Oct., 1870; "Injuries of the Eye from Gunpowder," *ibid.*, Sept., 1871; "Three Cases of Ear Disease, with Remarks," *ibid.*, 1874; "Foreign Bodies in the Eye, with Remarks," Transactions of the New York med. soc., 1875; "A Case of Epithelioma of the Lower Eyelid—Blepharoplasty by Sliding Flaps," *Archives of Scientific and Practical Medicine*, No. 5, 1873; "Hemorrhage from the Ear in Purpura," *Archives of Dermatology*, vol. 1, No. 3, 1875; "Circumscribed Syphilitic Exudation of Choroid," *American Journal of Syphilis and Dermatology*, July, 1870; and "Syphilitic Iritis," *Ohio Medical and Surgical Journal*, Oct., 1876. He was a medical cadet in the U. S. army from Sept. 5th, 1862, to May 18th, 1864, and thenceforward ass't surg. to the close of the war, being brevetted captain, June 1st, 1865. In 1866 he was ass't sanitary inspector of the Metropolitan board of health, having charge of the cholera hospital, Battery barracks, from July 24th to Oct. 15th; attending phys. of the Northern dispensary, from 1866 to 1869, inclusive; was clinical ass't in the New York eye and ear infirmary; and is now ass't surg. of the New York ophthalmic and aural institute; surg. to the charity hosp.; and consulting ophthalmic surg. to St. John's hosp. at Yonkers; clin. prof. of ophthalm. in Starling med. coll., Columbus, O. He was married, June 1st, 1871, to Annie Wilbur, daughter of Dr. H. B. Wilbur, of Syracuse, N. Y. She died Nov. 24th of the same year.

VATTIER, JOHN LORING, Cincinnati, O., of French and American parentage, was born in Cincinnati, Oct. 31st, 1808. His early education was received under private tuition, as well as in academies of that city and regions. He studied medicine at the med. coll. of Ohio, and was the private pupil of Profs. Colt and Whitman. He graduated in March, 1830, locating himself first in Indiana, but finally settling in Cincinnati, in general practice. He is a member of the Cincinnati acad. of med., was its president in 1867. His contributions to medical literature consist of only occasional articles to the journals of the profession. He was lecturer on surgery in the Cincinnati medical institute (a summer school) in 1845–46–47; and was for some years surg. to the Hotel for Invalids, a successful private hospital of the city. He was a member of the Ohio senate in 1852–53; postmaster of the city during the administrations of Pierce and Buchanan; ten years a trustee of the med. coll. of Ohio; trustee and president of the board of Longview asylum; the originator of the street railroad system in Cincinnati. He has been married three times. His present wife is Anna M., daughter of William Moore, Esq., dec'd, of Hamilton co., O., to whom he was married in December, 1845.

BALDWIN, HENRY RUTGERS, New Brunswick, N. J., son of the Rev. Eli Baldwin, M. D., D. D., and of Phœbe (Van Nest) Baldwin, was born in New York city, Sept. 18th, 1829. His preliminary education was obtained in New York, and after 1839 in Rutgers coll. grammar school; entered Rutgers coll. in 1845, whence he graduated in 1849. His medical studies were pursued at the coll. of phys. and surg., New York city, from which he received his degree of M. D. in 1853. He located himself first at Stapleton, Staten Island, removing to New Brunswick in 1855, a portion of which year he acted as surgeon to the steamship "Baltic." He is a member of the Middlesex co. med. soc., has been its secretary and president; of the N. J. State med. soc., has been its treasurer, vice-president and president; of the N. J. State microscopical soc.; and charter member of the N. J. acad. of med. He is the author, among others, of essays on "Anthropology" and on "Diagnosis." For a few months after graduating he was clin. ass't to Dr. R. Watts at the coll. of phys. and surg. of Bellevue hosp.; he was an interne for eighteen months. He has been alderman and member of the common council of the city of New Brunswick; he has been member of the board of education and treasurer thereof; and also a chosen freeholder of Middlesex co.; an incorporator of the New Brunswick water company, and one of its directors for ten years. In Dec., 1855, he married Elizabeth Van Cortlandt, daughter of Anthony Rutgers, Esq., of Belleville, N. J.

GALLAHER, THOMAS JONES, Allegheny, Pa., of mixed Irish and Welsh ancestry, and with an intermixture of Huguenot blood, was born on the banks of the Conemauch, Indiana co., Pa., Oct. 4th, 1822. He was educated at the Allegheny institute, and graduated in medicine from the univ. of Pa. in April, 1849. In 1873 he visited Europe. He is a member of the Allegheny co. med. soc.; the Pa. State med. soc.; and of the Am. med. asso.; also of the alumni asso. of the med. dep't of the univ. of Pa.; was president

of the county soc. in 1870, and is now one of the vice-presidents of the alumni asso. He is the author of a report on "Cholera in Pittsburgh in 1854," *American Journal of Medical Sciences*, Oct., 1855; also on "Chlorate of Potassa in Mercurial Salivation," *ibid.*, July, 1857 (the first article on the subject which appeared in the journals of this country); "Poisoning by Oleum Gaultheria," *Medical Examiner*, vol. viii., p. 347; "Hypodermic Injections," *New York Medical Journal*, May, 1871; "Transfusion of Blood," *ibid.*, Dec., 1875; etc., etc. He was for five years phys. to the western Pa. hosp., and for six years to the Mercy hosp., Pittsburgh. From 1866 to 1872 he was a member of the select council of the city of Pittsburgh. During the rebellion he acted as vol. surg. in the advance of Grant upon Richmond, and also acted at the 5th corps hosp. there, and aided in removing the wounded to Washington. In Sept., 1853, he married Eliza Jane, daughter of Benjamin Fulton, Esq., of Allegheny City, Pennsylvania.

SHAW, THOMAS WILSON, Pittsburgh, Pa., of American parentage and Scotch ancestry, was born in Allegheny co., Pa., Jan. 25th, 1826. He was educated at the Western univ., Pittsburgh, and studied medicine in the med. dep't of the univ. of Pa., graduating M. D. in April, 1849, settling in Pittsburgh in general practice. He is a member of the Am. med. asso.; of the med soc. of the State of Pa.; and of that of the county of Allegheny, was elected president of the latter in Jan., 1876. He has been for several years on the medical staff of the Mercy hospital of Pittsburgh; and for ten years member of the central board of education of the public schools of Pittsburgh. In March, 1854, he married Catharine W., daughter of Solomon Stone, Esq., of Pittsburgh, Pa.

GILBERT, JOSEPH C., Philadelphia, born at Chestnut Hill, Philadelphia co., Pa., studied medicine at the med. dep't of Pa. coll., and graduated M. D. in 1853, settling in practice immediately after at Chestnut Hill. He has held the position of school director and member of the city council. In the early part of the civil war he served as ass't surg. to the 24th reg. Pa. vols.

COCHRANE, WILLIAM WINSTON, Atchison, Kansas, was born in Owen City, Ky., April 3d, 1820, of Scotch parentage. He was educated at the univ. of Louisville, and graduated M. D. from the med. dep't of that institution in 1848. He settled first at Bayou Black, La., afterwards removed to Biloxi, Miss., then to Carrolton, La., and lastly to Atchison, Kansas. He is a member of the State med. soc. of Kansas, has been its president, and for the last four years its treasurer. In 1862 he married Mary D., daughter of Davis Stewart, of Palmyra, Mo.

HARRISON, JOSEPH, Greenville, Butler co., Ala., of English ancestry, who emigrated to this country in the early colonial days, was born at Ashville, Buncombe co., N. C., Feb. 22d, 1828. He studied medicine at the med. coll. of S. C., graduating M. D. from that institution in 1852. He located himself in Carrollton, Ga., in 1852, and in 1856 removed to Greenville, Ala., where he has since pursued a general practice, but giving special attention to surgery. He is a member of the med. asso. of the State of Alabama. During three years of the civil war he held the position of surgeon in the Confederate army. In Dec., 1854, he married Mary L. Tomlinson, of Carrollton, Ga.

DETMOLD, WILLIAM, New York, son of Henry G. Detmold, formerly court physician to the King of Hanover, was born in Hanover, Dec. 27th, 1808. He was educated at the university of Göttingen, studying medicine in the med. dep't of that institution, and graduating M. D. in Dec., 1830. After serving as army surgeon in Hanover, he immigrated to this country in 1837, and settled in New York. He has been vice-president of the New York acad. of med.; is consulting surg. to the Presbyterian hosp., and prof. of clinical and military surgery in the coll. of phys. and surg., New York. He introduced orthopedic surgery in this country; and during the war of the rebellion acted as volunteer surgeon on many of the battle-fields of Virginia. He also introduced a knife and fork for one-handed men, which is supplied by the U. S. government under the name of "Detmold's knife." He has been a large contributor to the medical journals of the country; his first publication on orthopedic surgery appearing in the *American Journal of Medical Science*, 1837. He reported an important case, viz.: "Opening an Abscess in the Brain" in the same journal, in February, 1850.

MYERS, ROBERT POOLER, Savannah, Ga., was born in that city, Jan. 20th, 1839. His literary and classical education was obtained at Marietta, Ga., and he pursued his medical studies at the Savannah med. coll., whence he graduated M. D. in March, 1860, settling in Savannah. He is a member of the med. asso. of Georgia, has

been its corres. secretary and its permanent secretary; was for eight years recording secretary, and has been vice-president and librarian of the Georgia med. soc. of Savannah; and is secretary of the French benevolent soc.; is hon. member of the Hebrew Benevolent soc., and attending phys. of the same. He has contributed articles on the "Use of Carbolic Acid in Compound Fractures," *Northwestern Medical and Surgical Journal*, Sept., 1871; "Resuscitation from Chloroform Narcosis, Nélaton's Method," *Boston Medical and Surgical Journal*, May, 1875; "Pachydermatocele of Left Labium," *ibid.*, March, 1876. He was for two years coroner of Chatham co., Ga., and during the war was ass't surg. in the Confederate States army, and also acting surg. of the 16th Ga. infantry, Confederate States army. Since Aug., 1871, he has been sup't-surg. and phys. to the Georgia infirmary.

STEEL, DAVID, Petersburg, Va., son of William and Elizabeth Steel, was born in Lanarkshire, Scotland, Dec. 27th, 1826. He studied medicine in the med. dep't of Hampden-Sydney coll. (now med. coll. of Va.), whence he graduated in the spring of 1852, and settled in Petersburg in general practice, during which he has performed some important surgical operations. He is a member of the Petersburg med. soc., and has been its president; he is a member of the Va. State med. soc. He has contributed to medical literature articles on the "Uses of Glycerine in Certain Forms of Deafness," and a case of a "Rare Complication in Twin Labor." He was a member of the common council of Petersburg for two years; was ass't surg. in the army of northern Va., and at the time of Lee's surrender was in charge of the engineer's dep't. He is also medical examiner of several life insurance companies; also a director of the Ettrick and Battersea manufacturing companies. He married, Nov., 1852, Mary Catherine Mann; she died in 1856. In Oct., 1859, he married Adeline M., daughter of May C. Rae, of Chesterfield co., Va.

BIGELOW, JOHN MILTON, Detroit, Mich., a descendant from the early pilgrim stock of New England, was born at Peru, Bennington co., Vt., June 23d, 1804. In 1815 his father removed with him to Licking co., Ohio, where he received his early education in the public schools of his neighborhood, and attended two courses of lectures at the med. coll. of Ohio, whence he graduated March 8th, 1832, and settled at Lancaster, O., but subsequently removed to Detroit in 1860. He is a member of the Ohio State med. soc., and of the Detroit acad. of med., elected to both at the dates of their organization. In 1850 he was appointed surgeon to the Mexican boundary commission; in 1853 he accepted the position of surgeon and botanist, under Capt. A. W. Whipple, on an exploration and survey for a railroad from the Mississippi to the Pacific; in 1860 he was placed in charge of the meteorological dep't on the northern and northwestern lakes survey; and in 1868 he was appointed surgeon to the marine hospital, Detroit. His contributions to literature consist of the results of his collections in botany, in connection with Drs. Parry, Wright, Thurber and Schott, in the report of the "U. S. and Mexican Boundary," "Botany of the Boundary," in the report published by the government of "Capt. Whipple's Exploration and Survey;" "On the Plants of Fairfield County, Ohio," Transactions med. association, Ohio, 1871; besides a number of articles on medical botany and other subjects in the *Detroit Review of Medicine and Botany*. In Nov., 1832, he married Maria L. Miers, daughter of H. Miers, Esq., of Lancaster, Ohio.

JORDAN, MORTIMER HARVEY, Birmingham, Jefferson co., Ala., son of Mortimer Jordan, of Monticello, Ga., and of Amy (Welton) Jordan, of Waterbury, Conn., was born in Jefferson co., Ala., June 10th, 1844. He studied medicine at the univ. of Ala. in 1862, and afterwards at the Miami med. coll., Cincinnati, graduated M. D. in March, 1867, locating first in Elyton, Ala., but in 1872 removing to Birmingham, where he has built up a large practice, especially in surgery. He is a member of the Jefferson co. med. soc., and the med. asso. of the State of Ala., delivered the annual oration before the latter asso. in March, 1873. He contributed the "History of Cholera of 1873 at Birmingham" to the State med. assos. Transactions, also published by the U. S. government in the volume on "Cholera Epidemic in 1873;" also articles on "Chloroform Narcosis," "Intussusception Treated by Distending Enemata;" also "Transmission of Syphilis through the Male Element of Reproduction." He entered the Confederate army in 1862 as a private in Lee's army, and at the time of the surrender was captain of Company G, 43d Ala. reg. In Sept., 1868, he married Florence E., daughter of Hon. W. S. Mudd, of Alabama.

CAMDEN, THOMAS B., Weston, West Va., was born Aug. 16th, 1829, in Lewis co., Va., his parents being Col. John S. and Nancy Camden. After receiving an

academic education, he matriculated at Jefferson med. coll., from which he graduated with the degree of M. D. in 1854. Locating first in Sutton, Braxton co., Va., he removed in Nov., 1856, to Weston. During his practice he has performed in rural districts, and generally without the aid of another physician, plastic operations to replace lower lip; removal of lip for epithelial cancer; operations for hare lip; tracheotomy; excision of testicle; operations for cataract; four cases of trephining; ligation of femoral artery; amputations of upper and lower extremities, etc. He is a member of the West Va. and Lewis co. med. socs. Among his contributions to medical literature have been papers on "Missed Labor;" "Post-Mortem of Case that Died from Foreign Body in the Vermiform Appendage;" "Mercury as an Antiphlogistic and Cholagogue;" "Is Scarlatina Contagious?" Owing to his Southern proclivities he was sent to Camp Chase with his wife and children in May, 1863, paroled to the State of Ohio, and returned to Weston, West Va., in July of that year, and was made surgeon of the post, which he held until the close of the war. Since July 1st, 1871, he has served as sup't of the West Va. hosp. for the insane. He was married in Sept., 1855, to Sue E., daughter of J. Holt, Esq., of Lewis county, West Virginia.

WING, CLIFTON ELLIS, Boston, Mass., son of Dr. B. F. Wing, of that place, and Adeline (Hallet) Wing, was born in Jamaica Plain (now Boston), Oct. 20th, 1848. He studied medicine in the med. dep't of Harvard univ., and graduated M.D. in 1871. He soon after visited Europe, where he remained some time, improving himself in the knowledge of his profession. On his return he located himself in his native city, making a specialty of gynæcology. He is a member of the Norfolk co. soc., and of the Mass. med. soc. He is the author of articles on "The So-called Ulceration of the Os Uteri," "The Use of Uterine Supporters," "Vaginal Ovariotomy," "Diseases of Women," etc., etc.

SKELTON, JOHN GIFFORD, Richmond, Va., son of Dr. E. W. Skelton, of Powhatan co., Va., and Catharine W. (*née* Gifford) Skelton, both natives of Princeton, N. J., was born in Powhatan co., Va., April 29th, 1815. He received his literary and classical education in private schools and at the univ. of Va., studying medicine in the office of Prof. George B. Wood, of Philadelphia, and in the med. dep't of the univ. of Pa., graduating thence M. D. in April, 1838. He located himself in general practice in Powhatan co., Va., but removed to Richmond in 1866. He is a member of the Va. State med. soc., and of the Richmond acad. of med., is now president of the latter. Since 1869 he has been lecturer on diseases of women and obstetrics in the summer session of the Richmond med. coll. In 1841 he married Charlotte F., daughter of Peyton Randolph, Esq., of Richmond, Va.; she died in 1843. In 1846 he married Marianne O., daughter of B. L. Meade, Esq., of Richmond, Va.; she died in 1869.

CRAMPTON, ORSON LUCIUS, Mobile, Ala., was born at Stafford, Genesee co., N. Y., Oct. 9th, 1843. Having graduated from the Wilson collegiate institute, he entered the Bellevue hosp. med. coll., and was graduated thence M. D. in Feb., 1865. In Sept., 1875, he established himself in private practice at Mobile. He is a member of the Mobile patholog. soc., secretary in 1875, and vice-president in 1876; member of the Ala. State med. soc., and of the Am. med. asso. His most important professional publication is his "Report on Yellow Fever in 1873 in Mobile Marine Hospital," contained in the annual report of the U. S. marine hosp. service for that year. In 1874–75 he served as county commissioner for Mobile co. He was appointed in March, 1865, an acting ass't surg. in the U. S. regular army; served in this capacity at New Orleans and at other points in the dep't of the South, until Jan., 1871; was then appointed surg.-in-charge of the Marine hosp. at Mobile, a position that he resigned in Sept., 1875.

COLEMAN, ROBERT THOMAS, Richmond, Va., was born in Hanover co., Va., Sept. 3d, 1830. His preliminary education was received at Concord acad., Caroline co., Va. He entered the univ. of Va., and at the close of his third session graduated in the med. dep't of the same institution. In 1851 he graduated M. D. at the Jefferson med. coll., Philadelphia. In that city he prosecuted his studies for the three subsequent years, the greater portion as interne at the Philadelphia hosp. (Blockley.) He was also a private student of Drs. Gerhard and Warrington. In 1854 he returned to Virginia, and settled in Richmond. In the fall of this year, on the reorganization of the Philadelphia hospital (Blockley), converting it into a school for clinical instruction, the board in recognition of his (Dr. Coleman's) previous services, elected him lecturer upon clinical medicine in that institution. This honor, all the more flattering because unsolicited, was however declined by him, and he continued to practise

in Richmond until the commencement of the war, when he entered the Confederate service as surg. of the 21st Va. reg., and was rapidly promoted to the position of brigade-surg., etc., and on the organization of the "Stonewall Division" he was made its chief surg. Twice at the instance of Gen. R. E. Lee, he was temporarily detached from his division and detailed by the secretary of war as president of the commission of inspection, the effect of which was to send back to the field all men improperly absent from their commands. The jurisdiction of this commission extended over Virginia, North Carolina, South Carolina and Georgia, and by virtue of his office as president, he was made to rank all medical and military officers, being inferior only to the secretary of war, to whom he directly reported. A few months before the close of the war, in consequence of illness in his family, he solicited and received a temporary assignment to post duty—as medical inspector of hospitals in Virginia, with head-quarters at Richmond. In 1865 he resumed the practice of his profession in Richmond. He is a member of the State med. soc.; ex-president of the Richmond acad. of med. In 1865 he was elected prof. of obstetrics, etc., in the med. coll. of Va., at Richmond, which position he still holds.

ATLEE, WALTER FRANKLIN, Philadelphia, son of Dr. John L. Atlee, of Lancaster, was born in Lancaster, Pa., Oct. 12th, 1828. He was educated in Lancaster, at Muhlenburg's school, near Flushing, Long Island, and at Yale coll., where he graduated A. B. in 1846, and studied medicine in the univ. of Pa., taking the degree of M. D. in 1850. He then visited Europe for the purpose of study, and returning, settled permanently in Philadelphia in 1856. He is a member of the coll. of phys. His contributions to medical literature consist, among other publications, of notes of lectures by Bernard and Robison on the blood, and of the clinical lectures on surgery, by Nélaton; also of a number of articles on a variety of medical subjects to the American medical periodicals.

DEROSSET, MOSES JOHN, Wilmington, N. C., of French descent, was born in Pittsboro', N. C., July 4th, 1838. His paternal ancestors have been physicians for at least seven consecutive generations, he having now in his possession a diploma issued to Armand DeRosset, of the city of Uzes, in France, by the university of Basle, in 1720. His grandfather, Dr. Armand J. DeRosset, was engaged in practice in Wilmington nearly sixty-nine years. He received his early education in Geneva, Switzerland, and studied medicine in the med. dep't of the univ. of New York, from which he graduated in 1860. He immediately stood the concours of Bellevue hospital and was successful; settled in New York, then in Baltimore, and now resides temporarily in Wilmington, N. C. His specialty is ophthalmology and otology. He is a member of the med. soc. of N. C.; the New Hanover co. med. soc.; the historical and scientific soc. of Wilmington, N. C.; and hon. member of several other societies. Has been a member of the Md. acad. of sciences; the Baltimore patholog. soc.; etc., etc. He is the author of some literary work, and translated and published "Bouchardat's Annuaire" for 1867. He has read before societies numerous papers, covering a variety of topics, and has devised a new, simple and efficient form of inhaler for anæsthesia, and a new form of canule scissors for operating within the eye. He has demonstrated by frozen section that after the extraction of the lens the lenticular fossa disappears, and the anterior surface of the vitreous becomes convex. He has been house phys. at Bellevue hosp., New York; adjunct to the prof. of physiol. in the univ. of Md.; prof. of chemistry in the Md. coll. of pharmacy; prof. of chemistry in the Baltimore coll. of dental surgery. He is married to Adelaide, daughter of the late Hon. Wm. B. Meares, of Wilmington, North Carolina.

CULVER, JOSEPH EDWIN, Jersey City, N. J., son of Joseph Culver (born Colver), and Permelia (Lamb) Culver, on the side of both parents a descendant of early English settlers in Connecticut, was born in Groton, New London co., in that State, Feb. 9th, 1823. His early education was obtained in the schools of his native place, with only the additional aid of two summer courses—1839–40—passed at the Conn. literary institution at Suffield. In the winter of 1839 he took charge of a public school in Groton; still pursuing his studies privately. His chief and most successful studies were of mathematics and the natural sciences, and when he determined to enter the medical profession, he had a knowledge of electricity, galvanism, optics, acoustics, chemistry, physiology, anatomy, materia medica, toxicology and hygiene. He entered Berkshire med. coll. in 1847, and subsequently the med. and surg. school of Dr. John H. Whittaker, of New York, and the surg. school of Dr. William Detmold. He also studied at the coll. of phys. and surg. in New York city, graduating thence M. D. in 1849. After graduating he located himself in that part of North Bergen township which

was subsequently incorporated as Hudson City, and is now included in Jersey City. He was in 1850–51 a member of the Passaic district med. soc. He is a member of the district med. soc. of the county of Hudson, was its organizer in 1851, has held every office in its gift, and is now its historian and custodian of its archives; of the State med. soc., on its standing committee in 1871–72–73; charter member of the N. J. acad. of med., its vice-president and chairman of committee of admissions; one of the founders of the Jersey City patholog. soc., and its first president; and is also at the present time a member of the New York patholog. and neurolog. socs. His contributions to medical literature have been various, among them "Documentary History of Dissensions in the Hudson County Medical Society," published in 1873; "Case of Choleraic Dysentery, etc.," 1868; "On the Hygrometer," 1876; "A Case of Hydrophobia," *American Journal of Medical Sciences;* also the author of a paper on "Certain Physiological Relations and Uses of the Oxides and Oxysalts of Iron" (his graduation thesis); on "Digestion;" "Origin and Relations of Urea, Uric Acid, and Uric Oxide, etc., etc.;" "Pepsin;" "On Putrefaction;" "Effects of Oxide of Zinc upon its Makers and Users," before the district med. soc.; and "Researches Concerning the Pigment of Jaundice," and "Method of Testing for Bile Pigments in Urine and other Liquids," before the academy of medicine, etc. He was in 1849 chosen phys. of Bergen and North Bergen township, and county phys. of Hudson co., which positions he filled for many years; he has been on the staff of St. Francis hosp. since its organization. He has been city sup't of schools of Hudson City, wrote their rules and regulations and devised the system of school management, pronounced by the State sup't the best in the State; in 1860 he became treasurer of Hudson City, a position he held eight years; and he is a trustee of Hudson City savings bank, he wrote its by-laws and devised its system of management; also, with Dr. T. R. Varick, in 1860 established the Hudson co. hosp., which was legislated to death by the surreptitious passage of an amendment to its charter, authorizing the appointment of irregular practitioners on the hospital staff. In 1869–70 he invented and patented in this country and Great Britain improvements in steam engines and in motive power engines; has for twenty-five years used adhesive plaster in strips to arrest the deformity of talipes; and in 1875 demonstrated that human bile and the bile of some animals contain ferrocyanides, and that these ferrocyanogen constituents are essential to the color of the bile; and that the color and chemical reactions of indican, in human urine, are identically those of the ferrocyanide of iron.

PORTER, DAVID R., Kansas City, Mo., was born in Jefferson co., O., Nov. 23d, 1838. He was educated at Richmond, Jefferson co., O., and studied medicine at the coll. of phys. and surg., Keokuk, Iowa, and Bellevue hosp. med. coll., New York; graduated at the former in 1865, and at the latter in 1872. He settled in practice in Kansas City in 1865 He is a member of the State med. soc.; of the Mo. district med. soc.; and Kansas City med. soc. Was recording secretary of the State society in 1876, and is now first vice-president. He was also delegated to the International med. congress from Mo He is the author of an article in the *Kansas City Medical Journal*, in 1871, on "The Duality of Syphilis." In 1870 he held the position of lecturer in the Kansas City coll. of phys. and surg., and is now prof. of mat. med. and therap. in the same institution. Was associate editor and proprietor of the *Kansas City Medical Journal* in 1874. Was married, in 1870, to Allie J. Smith, of Allegan, Mich.

BEAUCHAMP, EUCLID F., Vermilionville, La., son of R. P. Beauchamp and Dolly (Winn) Beauchamp, was born in Bowling Green, Ky., Aug. 21st, 1823. He pursued his medical studies at the Louisville medical institute, whence he graduated M. D. in 1843. With the exception of a few years in Texas he has, since graduating, lived in Louisiana. His specialties have been midwifery and the diseases of women, in the practice of which he has performed some of the more important operations with marked success, as cephalotomy twice, embryotomy twice, for strangulated hernia, etc., etc. He is a member of the med. soc. of Attakapas, La.; and president of the med. soc. of Lafayette parish. His contributions to professional literature consist of an article on "Chloral," various "Obstetrical Cases," etc., published in the medical journals. In July, 1846, he married Frances C. Brashear, daughter of Judge T. B. Brashear, of Vermilionville, parish of Lafayette, La.

HABERSHAM, JOSEPH CLAY, Savannah, Ga., son of Dr. Joseph Clay Habersham, of Savannah, Ga., grandson of Major John Habersham, of the Continental army, and great-grandson of the Hon. James Habersham, of Beverly, England, was born in Savannah, Oct. 9th, 1829. He studied his profession at Harvard med. coll., and graduated in May, 1853, settling immediately after

in Savannah. He is a member of the med. asso. of Ga., was its vice-president in 1866; president of the Ga. med. soc. from 1876 to 1877; health officer of the city of Savannah from 1870 to 1875, which position he still holds. During the civil war, from 1861 to 1865 inclusive, he was a surgeon in the Confederate army. In Feb., 1857, he married Mary Anna Stiles, daughter of Joseph Stiles, Esq., of Savannah, Ga.

BRADBURY, WILLIAM THOMAS, San Francisco, Cal., was born in Goldsborough, N. C., June 12th, 1834, of English parents. He was educated at Asbury univ. in Greencastle, Ind., and pursued his medical studies in the Rush med. coll., Chicago, graduating M. D. in that institution in 1864. He located himself first in Bellmore, Putnam co., Ind., after two years he removed to New Carlisle, St. Joseph co. In 1868 he removed to San Francisco He is a member of the med. soc. of San Francisco, elected vice-president in 1872; member of the med. soc. of the State of Cal., and member of the associated alumni of the Pacific coast. His contributions to professional literature have been a few articles to various medical journals. In 1870 he was elected prof. of mat. med. and chemistry in Toland med. coll.; and in 1872 prof. of mat. med. and therap. in the med. dep't of the univ. of Cal., a position he still holds; was visiting phys. to St. Luke's hosp., San Francisco, for four years. For two years he held the office of school director for the city of San Francisco. In 1856 he married N. M. Horne, daughter of Thomas Horne, Esq., of Wilson, N. C.

BURROUGHS, SAMUEL RAYMOND, Houston, Harris co., Texas, of Scotch-Irish ancestry, son of Benjamin F. Burroughs and Louisa (Fair) Burroughs, was born, Oct. 3d, 1842, in Tuscaloosa co., Ala. He was educated at the Palestine high school, and Mound Prairie institute, Anderson co., Texas. Studied medicine at the Galveston med. coll., and Texas med. coll. and hosp., graduating M. D. from the former in 1868, and from the latter in 1873. He located himself first in Leon co., Texas, but removed to Houston in 1876, where he is engaged in general practice. He is a member of the board of trustees of the Texas med. coll. and hosp.; and vice-president of the alumni asso. of that institution; of the Texas State med. asso.; and ex-secretary of the Leon co. med. soc. He is the author of an article on "Spurious Melanosis," *Galveston Medical Journal*, 1868; on "Hematuria Miasmatica," *Texas Medical Journal*, 1874; and on the "Hymen, its Anatomy, Malformations and Malpositions," Transactions State med. asso., 1876. He held the office of member of the examining board of Leon co.; prof. of chemistry and toxicology in the Texas med. coll. and hosp., elected Sept., 1873, and dean of the faculty of the same institution. During the war he was a member of Company G, 1st Texas vols., Hood's Texas brigade; was captured Sept., 1863, at Chickamauga, and remained a prisoner, serving as prison-hosp. druggist at camp Douglas, Ill., till the close of the war. He was released in June, 1865. In May, 1867, he married Rebecca A., daughter of John Seldon Henry, Esq., of Pickens co., Ala.

BULLOCK, OTIS, Warren, R. I., son of Dr. Samuel Bullock, of Rehoboth, Mass., was born in Sterling, Conn., Feb. 20th, 1806. He was educated at Wrentham acad., studied medicine in the med. dep't of Harvard univ., and graduated in March, 1832, settling immediately after in Warren, in the general practice of medicine and surgery. He is a member of the R. I. med. soc., has been one of its censors since 1840, and was president during 1866-67; and is a permanent member of the Am. med. asso. He is one of the med. and surg. staff of the R. I. hosp., a position he has held since the organization of that institution. From 1838 to 1845 he was surg. to the militia of R. I. for Bristol co. In Aug., 1836, he married Martha M. Randall, daughter of the late Judge Randall, of R. I.; she died in 1837. In 1842 he married Elizabeth H. Saunders; she died in Nov., 1873; and in Nov., 1875, he married Mary F. Collins, daughter of Capt. Haile Collins, of Warren, R. I.

GASTON, JOHN B., Montgomery, Ala., of Scotch-French (Huguenot) descent, was born in Chester co., S. C., Jan. 4th, 1834. His father, Dr. John B. Gaston—an eminent physician—and mother, Mary Buford McFadden, were both natives of this country. Educated at Cedar Shoals acad., South Carolina coll., and in the med. dep't of the univ. of Pa., he received from the last-named institution his degree of M. D. in May, 1855; and in July, 1857, established himself as a general practitioner in Montgomery. Among his notable cases may be mentioned: a number of successful exsections of elbow and shoulder-joints; two successful operations for strangulated inguinal hernia; successful exsection of hip-joint, a case of ten years standing, with complete anchylosis of joint; operation for psoas abscess, recovery; nephrotomy for pyonephrosis, death sixty-two days after operation, the other kidney having become diseased; etc.

He is a member of the med. and surg. soc. of Montgomery, president in 1874; of the Ala. med. asso., orator in 1876, censor from 1876 to 1881; and of the Am. med. asso.; member of State medicine and public hygiene section, 1875–76. His more important professional publications are: "Review of Transactions of Alabama State Medical Association," *Richmond and Louisville Medical Journal*, Dec., 1874; "Medico-Legal Evidence of Independent Life in a New-Born Child," *American Journal of Medical Science*, Jan., 1876. In July, 1861, he was commissioned surg. in the Confederate States army and assigned to the 14th Ala. reg.; was promoted to be surg. of brigade, 1863, and from spring of 1864 to the end of the war was surg.-in-charge of the Alabama division of the Howard Grove hosp., Richmond. He married, Nov. 11th, 1857, Sarah, daughter of James G. Torrence, Esq., of Mecklenburg co., North Carolina.

RAYFIELD, LITTLETON SMITH, Austin, Travis co., Texas, son of Edward and Margaret (Ashby) Rayfield, of Virginia, was born in Northampton co., State of Va., Nov. 7th, 1839. He received his early education in Virginia, and pursued his medical studies at the med. coll. of Va., Richmond, in the Austrian univ., Vienna, and in the London hosp., London, England, graduating M. D. in March, 1866. He settled first at Richmond, Va., then removed to Jefferson, Texas, and finally established himself at Austin, in the general practice of his profession, but giving especial attention to surgery, in which he has performed most of the important operations. He is a member of the med. asso. of the State of Texas, elected April, 1874, and was first vice-president in 1875. He has also been delegate to the Am. med. asso., and International med. congress, from the Texas State med. asso. His contributions to professional literature have been articles on "Lithotomy," "Hernia," etc. During the civil war he occupied the position of ass't surg. in the Confederate States army under Lee in Virginia. He is surg. of the International & Great Northern railroad of Texas. In 1868 he married Jennie Todd, of Jefferson, Texas; she died in 1868. In 1870 he married Annie B., daughter of Dr. W. R. Chew, of Jefferson, Texas.

BLACKWOOD, WILLIAM ROBERT DOUGLAS, Philadelphia, son of Rev. William Blackwood, D. D., LL.D., and Victoria (Douglas) Blackwood, granddaughter of Lord Chief Baron Joy, of Ireland, was born in Hollywood, Ireland, May 12th, 1838. He was educated at Bruce's coll., Newcastle-upon-Tyne, England, and in the univ. of Pa., and studied medicine in the med. dep't of the same institution, whence he graduated M. D. in 1862, settling immediately after in Philadelphia in active practice. He is a member of the State med. soc. of Pa.; of the Philadelphia co. med. soc.; and of the Madison co. med. soc., Ala. He is the author of papers contributed to medical journals on "The Surgery of the War," "Cholera Infantum," "Phthisis Pulmonalis," "Electro-Therapeutics," "Quinia as an Oxytocic," etc. He entered the army in 1861 as ass't surg.; in 1863 was promoted to surg., and in 1864 to surg.-in-chief of division. He was also brevetted lieut.-col. for special services in East Tennessee in 1864, and before Petersburg, Va., in 1865. He served as post-surg. after the war at Rome, Ga., Huntsville, Decatur, Somerville, Edwardsville, Patona and Jacksonville, Ala.; at Columbia, S. C., and Chattanooga, Tenn. In Sept., 1873, he married Ida Choté, daughter of Charles Gerhard, Esq., of Boyertown, Montgomery county, Pennsylvania.

FISHER, THEODORE WILLIS, Boston, Mass., was born in Westboro', Mass., May 29th, 1837. Having received an academical education he entered the Harvard med. coll., and graduated thence M. D. in 1861. He served as resident phys. to the city institutions in Boston harbor for a year, and was then appointed ass't surg., and afterwards surg. of the 44th reg. Mass. vol. militia. While in the service, was detailed to the charge of a division of the Foster general hospital at Newbern, N. C In 1863 he was appointed ass't sup't of the Boston lunatic hospital, and served until 1869, when he established himself in Boston in private practice, making a specialty of mental diseases. In 1867 he visited many foreign hospitals for the insane, making a special study of hospital construction and ventilation. Since 1870 he has been examining phys. to the board of directors for public institutions, certifying frequently in cases of insanity, and serving as expert in the courts. He is a member of the Am. med. asso.; New England psycholog. soc.; Mass. med. soc.; and Boston soc. for med. observation. In 1872 he published a book of one hundred pages, entitled "Plain Talk about Insanity," intended to educate the public in matters relating to mental disease. He is a member of the reportorial staff of the *Boston Medical and Surgical Journal*, contributing frequent papers and reviews for its columns. Of these may be mentioned "Aphasia and the Physiology of Speech," 1870; and

"Reports on Progress in Mental Diseases" annually from 1873 to 1877; also a paper on "Ventilation of Steam Cars," in report of Mass. State board of health for 1875. In 1858 he married Maria C., daughter of Dr. Artemas Brown, of Medway, Mass.; and in 1873 Ella G., daughter of J. W. Richardson, Esq., of Boston.

SANDS, HENRY BERTON, New York, was born in New York city, Sept. 27th, 1830. His preparatory education was obtained at a high school in that city, and his medical education at the coll. of phys. and surg., New York, whence he graduated M.D. in 1854, and established himself immediately after in New York in general practice, but giving special attention to surgery. He has contributed articles on professional subjects to the New York medical and surgical journals. He is a member of the New York med. and surg. soc.; and of the New York co. med. and patholog. socs., was president of the second-named from 1874 to 1876, and of the last-named during 1866–67. From 1860 to 1870 he was business partner of Dr. Willard Parker. He has held the position of house phys. and, in 1854–55, house surg. to Bellevue hospital. He then visited Europe, and returning in the autumn of 1856, became demonstrator of anat. in the coll. of phys. and surg., New York, a position he retained for ten years. In 1861 he was made attending surg. to the New York eye infirmary, and St. Luke's hospital; these he retained until 1863. He was also attending surg. in Bellevue hospital from 1866 to 1876, and at the Stranger's hospital from 1869 to 1871. He is at present consulting surg. to St. Luke's hospital; attending surg. to Roosevelt hospital, and the New York hospital; and prof. of anat. in the coll. of phys. and surg., New York, elected 1867. In 1859 he married Sarah M. Curtis; she died. In 1875 he married Mrs. J. Reamey.

BLITZ, ADOLPH, Nashville, Tenn., son of Moses and Tobine (*née* Kohnke) Blitz, was born in Krojanke, Prussia, Feb. 10th, 1845. His professional education was received in the Cincinnati coll. of med. and surg., whence he was graduated M. D. in Feb., 1873. During the ensuing year he practised at Terre Haute, Ind., and since May, 1874, has been established at Nashville. Of his notable cases may be mentioned: trephining of the mastoid process; removal of carious bone—recovery, and restoration of hearing; hypertrophy of lachrymal gland to size of a pigeon's egg—removal of gland, saving of eyeball, and restoration of sight. These cases are reported in Transactions of Tennessee State med. soc. Has invented several instruments: a tongue-holding forceps; set of scissors and forceps for polypus in the ear; forceps for holding eyeball in enucleation of that organ; dilator for lachrymal canal. Since March, 1877, he has been prof. of diseases of the eye, ear and throat in the Nashville med. coll. Has made a specialty of the treatment of these diseases; and since Jan., 1877, has been surg. to the Nashville eye, ear and throat institute. He is a member of the Nashville med. soc.; Tenn. State med. soc.; and of the Am. med. asso.; was a delegate in 1876 to the International medical congress, and to the International ophthalmological and otological congresses. His professional publications have been confined to reports of cases, and a paper upon treatment of "Trachoma," the latter published in *Gaillard's Journal* for Oct., 1875. He married, January 17th, 1877, Anna D., daughter of Noah S. Wickes, Esq., of New Bedford, Mass.

STEWART, REUEL, Philadelphia, son of Dr. Thomas P. Stewart, formerly of New Jersey, was born in Hackettstown, N. J., May 7th, 1829. He is a graduate of Princeton coll., N. J., and of the med. dep't of the univ. of Pa. He settled in Philadelphia in 1854 in general practice, but giving special attention to obstetrics. In the *American Journal of Medical Sciences* for 1867 he advocated cephalic turning in shoulder presentations. He has also advocated early operations in cases of craniotomy, and is the inventor of a craniometer for measuring the head in utero, as well as an improvement in perineal needles. From a large amount of practice which he has had in cases of obstetrics, he has made many important suggestions and discoveries, which have been found of immense practical value by members of the profession.

STEVENS, LUMAN SEELY, Three Rivers, Mich., of Scotch ancestry, was born in New York city, Jan. 4th, 1823. He was educated in the high school at New Canaan, Conn., and prepared for a classical course in the acad. of Spring Arbor, Mich., and subsequently in the univ. of Mich. He studied medicine in the med. dep't of this univ., and graduated M. D. in 1852. He settled in Monroe City, Mich., removed to Franklin, Tenn., in 1859, returned to Monroe in 1861, and settled finally in Three Rivers in 1867. He is a member of the Am. med. asso.; of the Mich. State med. asso.; and of the St. Joseph valley med. soc. He has held various offices in the city corporations of Mon-

roe and Three Rivers; was ass't surg. in the 7th reg. Mich. vols., in 1862–63; and for the past six years has been surg. of the Kalamazoo division of the Lake Shore & Michigan Southern railroad. In Jan., 1853, he married R. Louisa, daughter of Samuel Fleming, Esq., of Adrian, Michigan.

SEILER, CARL, Philadelphia, Pa., was born in Switzerland, April 14th, 1849. He was educated at the univ. of Pa., and also at the univ. of Berlin. He pursued his medical studies in Vienna and Heidelberg, graduating M. D. at the univ. of Pa. in March, 1872. He settled in Philadelphia in general practice, but devoted himself specially to laryngoscopy and otoscopy. Lecturer on laryngoscopy and chief of laryngoscopic dep't of the univ. of Pa. He is a member of the Philadelphia co. med. and patholog. socs.; and is recorder of the biological and microscopical section of the acad. of natural sciences. In Nov., 1876, he married Carrie G. Linn, daughter of Claudius B. Linn, Esq., of Philadelphia.

HUPP, JOHN C., Wheeling, West Va., grandson of John Hupp, a pioneer who was killed while defending Miller's block-house, on Buffalo creek, from the Indians, was born in Donegal township, Washington co., Pa., Nov. 24th, 1819. He was educated at West Alexander acad., and at Washington and Jefferson colls., from which he graduated in 1844; subsequently, in 1848, taking the degree of A. M. Studied medicine under Dr. F. J. LeMoyne, and at the Jefferson med. coll., whence he graduated M. D. in 1841, settling in Wheeling in general practice. He was one of the founders of the med. soc. of the State of West Va., having introduced into the convention called to form that society the resolution "to establish and organize" it; brought chloral hydrate to the notice of the profession of Wheeling, Feb. 21st, 1870; made in 1873 a successful effort before the board of education to extend to the colored children of Wheeling a free-school education, and a like effort before the same body in 1875, to make German a regular branch of study in the public schools of Wheeling; was appointed in 1875 a delegate of the Am. med. asso. to the European med. asso.; was also a member of the executive committee of the Centennial medical commission to the International medical congress, which convened at Philadelphia, Sept. 4, 1876; and witnessed the cremation of Baron de Palm, at Washington, Pa., Dec. 6th, 1876. His notable cases include the case of a ruptured uterus, reported in the Transactions of the State med. soc. for 1874. He is a member of the Am. med. asso., in which he was secretary of the section on the practice of medicine and obstetrics in 1869, and of the committee on nominations in 1875 and 1876; of the med. soc. of the State of West Va., of which he is treasurer, having been elected at its formation in 1867, and re-elected annually; of the med. soc. of the city of Wheeling and county of Ohio, of which also he is treasurer, having been in like manner elected at its formation in 1868, and annually re-elected; and of the historical soc. of West Va.; a corres. member of the gynæcol. soc. of Boston; and a life-member, and vice-president for West Va., of the alumni association of Jefferson med. coll. Among other contributions to medical literature, he is the author of papers on "Placenta Prævia," 1863; "Salivary Calculus," 1863; "Vaccination and its Protective Powers," 1870; "Chloral in Puerperal Insanity," 1870, copied into medical journals from the Transactions of the State med. soc.; "Congenital Phymosis and Stone in the Urethra," 1870; "Opium Poisoning Treated by Belladonna," 1872; "Ruptured Uterus," 1874, copied into medical journals from the Transactions of the State med. soc.; and "Encephaloid Abdominal Tumor," 1875; of a "Biographical Sketch of Joseph Thoburn, M. D.," prepared by request of the medical profession of Wheeling, 1865; of a memorial to the legislature of West Va. on the appointment of a State geologist, 1870; and of a memorial to the same body on the establishment of a State board of health, 1877; and cases of "Phymosis and Adherent Prepuce," 1877. In 1850 he was phys. to the Ohio co. almshouse and Ohio co. jail; has been phys. to the prisoners of the U. S. district court from 1863 to the present time; was phys. and secretary of the city board of health in 1864; has been one of the phys. to the Children's home of Wheeling since 1873; was commissioned by Gov. Pierpoint State vaccine agent, Jan. 1st, 1863, and successively reappointed by Govs. Boreman, Stevenson and Jacob, making a service of nearly fifteen years; was president of the board of supervisors of the county of Ohio from 1863 to 1866, inclusive; is a member of the board of education of the independent school district of Wheeling, as he has been since 1873; and president of the U. S. board of examining surgeons for pensions. At the formation, in 1863, of the State of West Va., including the establishment of its county organizations, he was elected a member of the board of supervisors of the county of Ohio, serving for three consecutive terms, during all of which he was president of the board; but when he was urged, subsequently,

to stand for the city council, and also for the State Senate, he declined, the period of civil war and governmental transition, which impelled him to accept public office as a duty, having passed away. In March, 1853, he married Carolene Louisa, daughter of Dr. A. S. Todd, of Wheeling.

SUTTON, GEORGE, Aurora, Ind., was born in London, England, June 16th, 1812. In 1819 his family immigrated to Cincinnati, but shortly after removed to Franklin co., Ind., where he received his preliminary education in a country log-school-house. In 1828 he entered the Miami univ., where he obtained a more extended knowledge of mathematics and the languages. In 1833 his father returned to Cincinnati, and in the same year he commenced the study of medicine in that city. In 1834 he attended a course of private lectures under Prof. S. D. Gross, then of Cincinnati; was a private student of Prof. John Eberle, and graduated at the Ohio med. coll. in 1836. The same year he commenced the practice of his profession at Aurora, Ind. He is a member of the Dearborn co. med. soc., which was organized in 1844, and rejuvenated in 1867; of the Ind. State med. soc., elected president in 1869. He was also delegate to the Am. med. asso. in 1872, and was chairman of the section on meteorology and epidemics. He is a member of the asso. for the advancement of science; and was delegate from the Ind. State med. soc. to the International med. congress at Philadelphia in 1876. His contributions to professional literature consist principally of papers as follows: "Enlarged Prostate Gland," *American Journal of Medical Sciences*, 1840; "Epidemic Erysipelas" (Black Tongue), *Western Lancet*, Nov., 1843; "Symptoms and Treatment of Asiatic Cholera," pamphlet, 1849; "Report on Cholera in Indiana during 1849–50–51–52—Advanced Views," Transactions State med. soc., 1853; "Report on Erysipelas," *ibid.*, 1856; "Hog Cholera," *Cincinnati Gazette*, Jan. 14th, 1857; "Diversity of Symptoms in Scarlatina Maligna," *North American Medical and Chirurgical Review*, Nov., 1857; "Experimental Researches to Ascertain the Etiology and Pathology of the Epizootic among the Swine," *ibid.*, 1858; "Report on Cholera," Transactions Ind. State med. soc., 1867 and 1868; "Reports on Hip-Joint Dislocation Reduced by making a Lever of the Femur upon a Fulcrum placed in the Groin," *Western Journal of Medicine*, Sept., 1868; *Medical and Surgical Reporter*, Jan., 1875, Indiana State med. soc. Transactions, 1876, *American Practitioner*, April and Sept., 1876, and the "Reduction of a Dislocation of the Hip-Joint by the same Method, of Fourteen Weeks and Two Days Duration," Nov. 19th, 1876; "President's Address to the Indiana State Medical Society;" "On Man's Power over Nature, and Medicine as Means by which he Aids and Controls the Laws of Life," 1870; "Report on the Diseases of Indiana for 1873," State med. soc.; "Investigations of Trichina and Trichinosis," *Farmer and Mechanic*, 1874; "Report on Trichinosis to the Indiana State Medical Society, 1875." Besides the above he is the author of papers, etc., not purely of a professional character. He is a member of the State archæolog. asso. of Ind., and has collected a large cabinet of antiquities, fossils and geological specimens. In June, 1838, he married Sarah Folbre, daughter of Charles Folbre, Esq., of Aurora. She died in 1868.

BURPEE, DAVID, Philadelphia, son of David Burpee and Sarah (Coburn) Burpee, was born in Sheffield, Province of New Brunswick, Dominion of Canada, April 14th, 1827. He was educated at the Wesleyan acad., Sackville, New Brunswick, and studied medicine with Drs. R. & W. Bayard, of St. John, N. B., and with Prof. W. R. Grant, of Pa. med. coll., graduating M. D. from that institution in March, 1851. He first located himself at Sheffield, N. B., but after a residence there of eight years, removed to Philadelphia in 1859. He is a fellow of the college of physicians, Philadelphia, and a member of the American medical association; and of the Philadelphia county med. soc. He is the author of a number of cases reported in the medical and surgical history of the war, 2d volume He holds the position of phys. of skin diseases in Howard hosp., Philadelphia. In 1852 he was appointed surg. to the Sunbury co. militia by the provincial government of New Brunswick, which position he held until he removed from that province in 1859. In Feb., 1862, was appointed ass't surg. of Christian street U. S. hosp.; and in Sept., same year, ordered by the medical director to open Race street U. S. hosp., Philadelphia, and appointed surg.-in-chief thereof. In June, 1855, he married Kate, daughter of Dr. Washington L. Atlee, of Philadelphia.

RANKIN, JOHN DOAK, Galveston, Texas, was born in Purdy, Tenn., Sept. 11th, 1825. His professional education was received in the med. dep't of the univ. of Ky., and from that institution he was graduated M. D. in 1852. In the same year he established himself at Camden, Tenn.; removed thence, in 1853, to Texas, and since 1870 has

practised at Groesbeck, Limestone co., in summer, and at Galveston in winter. Of his numerous capital operations may be mentioned the removal, at one time, of half of the superior maxillary bone, half of the palate, one malar bone, and the orbital plates of the superior maxillary, ethmoid and frontal: patient made good recovery. He is a member of the Texas State med. asso. For a number of years he has been a constant contributor to professional periodicals; has been editor for the past six years of the *Texas Medical Journal*, and is author of a work on malarial fevers. Among his more important monographs are the following: "Miasmatic Hæmogastric and Hæmaturic Fever;" "Acute and Chronic Dysentery;" "Organic and Inorganic Matter, contrasted Philosophically, Physiologically and Anatomically;" "Is there a Vital Principle in Man, or Not?" "The Proof that Chloral is not converted into Chloroform before it produces its Therapeutic Effects, considered from a Physiological and Therapeutical Standpoint," all the foregoing published in Texas medical periodicals. Since 1869 he has been prof. of the theory and practice of medicine in the Texas med. coll.; was from 1869 to 1873 prof. (*pro tem.*) of therap. in, and has been president and dean of the same institution. In 1862 he was appointed an ass't surg. in the Confederate States army; was in the same year promoted to be surg., and during the latter portion of the war was surg.-in-charge of the division hosp. of Gen. Newton at New Iberia. He has twice married: (1) in 1847 to Margaret A., daughter of David Mabry, Esq., of Texas; and (2) in 1872 to T. J., daughter of L. A. Stroud, Esq., of Springfield, Texas.

FAUNTLEROY, ARCHIBALD MAGILL, of Staunton, Va., was born in Warrenton, Va., July 8th, 1837. He is a graduate of the Virginia military institute, Lexington, Va.; also an alumnus of the univ. of Va., and univ. of Pa.; entered the U. S. army as ass't surg. in June, 1860; when Virginia separated from the Union he resigned his commission in the U. S. army, and was appointed a surg. in the Confederate States army. He served as chief med. officer upon the staff of Gen. Jos. E. Johnston during the period that officer commanded the army of the Potomac; subsequently served as medical director of the dep't of N. C.; and surg.-in-charge of general military hosp. at Staunton, Va., where he has practised since the war. He is a member of the State board of health, and hon. fellow and ex-president of the med. soc. of Va. He is president of the board of directors of the Western lunatic asylum, Staunton, Va.; and phys. of the Virginia deaf, dumb and blind institute at Staunton. His literary productions include: "Report of a Case of Dislocation of the Thigh upon the Dorsum Ilii, Reduced by Manipulation, with a History of the Method," *American Journal of Medical Sciences*, April, 1866; "A Successful Hip-Joint Amputation, with a History of the Operation," *Richmond Medical Journal*, Jan., 1866; "Bromide of Potassium," *ibid.*, Jan., 1868; "Histology, Physiology and Pathology of the Organic Nervous System," *Richmond and Louisville Medical Journal*, Feb., 1870; "Chloral Hydrate," *ibid.*, Sept., 1871; "Chloroform in Obstetrical Practice," Transactions med. soc. of Va., 1873; "Report upon Advance in Therapeutics," Transactions soc. of Va., and in *Virginia Medical Monthly*, Dec., 1876.

CATLETT, GEORGE CALMES, St. Joseph, Mo., is a descendant of the Catlett family of Virginia, and of Scotch, French, and English extraction. His grandfathers, Henry and George Catlett, were brothers, and were soldiers in the revolutionary war. His father, Capt. Calmes Catlett, commanded a company in the war of 1812. Dr. G. C. Catlett was born June 20th, 1830, was educated in the Kentucky acad., and graduated in the med. dep't of the univ. of Pa. in March, 1851. He commenced the practice of his profession in St. Joseph, Mo. He pursued the study of his profession during the year 1853 in the hospitals and schools of New Orleans. Although engaged in general practice, surgery claimed his especial attention. In 1851 the St. Joseph medical society was organized in his office, it being the first medical society organized in the State west of St. Louis. At different times he was its president and secretary. He is a member of the Mo. State med. soc., and one of its vice-presidents. In 1857 the St. Joseph med. soc. established the *St. Joseph Medical and Surgical Journal*, of which he was an editor. The following year he continued the *Journal* as a private enterprise, which was suspended in consequence of the war between the States in 1861. He has contributed articles at various times on medical subjects to other medical periodicals. In 1861 he joined the Confederate States army, was appointed surgeon, and was in some of the most important campaigns in Missouri, Tennessee, Kentucky, Mississippi and Louisiana; was surg.-in-chief of hosps., inspector of field and post hosps., and med. purveyor. He participated in the final act of our national drama by surrendering at Shreveport, La., with the Trans-Mississippi army, commanded by Gen. Kirby Smith. He

practised medicine in Shreveport, La., from 1865 to 1868, during which time he witnessed a most pernicious epidemic of yellow fever, from which few escaped who were attacked. In connection with Drs. Clay and Williams he made post-mortem examinations of yellow fever cases, to ascertain the pathological visceral changes resulting therefrom. In 1868 he returned to St. Joseph and resumed practice. In 1874, upon the completion of the Mo. State lunatic asylum erected at St. Joseph, he was elected phys. and sup't. In June, 1877, the St. Joseph med. coll. hosp. was established, in which he was appointed prof. of physiol., and clinical lecturer on diseases of the mind and nervous system. He is married.

LEAMING, JAMES ROSEBURGH, New York, was born in Groveland, Livingston co., N. Y., Feb. 25th, 1820. He is the son of William Leaming and Jane (Roseburgh) Leaming, and grandnephew of Rev. Jonathan Leaming, D.D., of Conn. His father's ancestors came to this country from England in 1663 and settled in Southampton, L. I. His mother's family came from the north of Ireland, or Scotland, in 1730, and his maternal great-grandfather, Rev. John Rosebrugh, was chaplain of Pennsylvania militia, from Allen township, during the revolution, and was killed at Trenton in 1777. He was educated at Temple Hill acad., Genesee, N. Y., and graduated in medicine from the med. dep't of the univ. of the city of New York in March, 1849, settling immediately after in New York. He is a member of the New York acad. of med.; the New York co. med. soc.; patholog. soc.; Medical Journal asso., and other local societies; also member of the N. Y. State med. soc., and of the Am. med. asso. He is the author of "Cardiac Murmurs," *New York Journal of Medicine*, 1848; "Respiratory Murmurs," *ibid.*, 1872, and Transactions of the New York acad. of med., 2d series, 1874; "Plastic Exudation within the Pleura, Dry Pleurisy," *Brown-Sequard's Archives*, 1873; "Hæmoptysis," *Medical Record*, 1874; "Disturbed Action and Functional Murmurs of the Heart," Transactions of the New York acad. of med., 2d series, 1876; "Fibroid Phthisis," read before the New York acad. of med., 1876. He held the position of visiting phys. to Northern dispensary for seven years, and was afterwards attending phys. on chest diseases at Demilt dispensary, nine years; for more than ten years visiting phys. to St. Luke's hosp., New York; and consulting phys. to house of rest for consumptives, Tremont, N. Y. Was prof. of prac. of med., three years, in the woman's med. coll. of the New York dispensary for women and children, and is now emeritus prof. of the same. In Jan., 1853, he married Jane Helen, daughter of Rev. Lewis Cheeseman, D. D., of Philadelphia; she died in June, 1865. In Nov., 1868, he married Kate L., daughter of Rev. W. D. Strobel, D. D., of Rhinebeck, N. Y.

WISTAR, THOMAS, Philadelphia, son of Dr. Caspar Wistar and Lydia (Jones) Wistar. He was educated at West Town boarding school, Haverford coll., and the univ. of Pa., graduating M. D. from the med. dep't of the latter in 1863, and settling immediately after in active practice in Philadelphia. He was for a year and a half interne at Wills hosp., and for the same space of time in the Pa. hosp. He is a member of the coll. of phys., Philadelphia; secretary of the managers of the Philadelphia dispensary; phys. to the indigent widows' and single women's soc.; and medical director of the Provident life and trust and other insurance companies. Formerly curator of the Pa. hosp.; and contract surg. of U. S. vols.

MCKEW, DENIS I., Baltimore, Md., son of Patrick McKew and Elizabeth (Morrison) McKew, was born in Baltimore, Nov. 5th, 1829. He was educated at St. Mary's coll., Baltimore, graduating thence A. B. in 1848, and A. M. in 1850. He studied medicine at the univ. of Md., and received his degree of M. D. in 1850, settling immediately in Baltimore, in general practice. He is a member of the Am. med. asso.; of the medico-chirurg. fac. of Md.; of the acad. of med., and of the clin. soc. of Baltimore. He has contributed a number of articles on various medical subjects to the journals of his profession. In 1853 he married Victorine Boninger, daughter of Abraham Hilger, Esq., of Md.

KEMP, WILLIAM M., Baltimore, Md., was born in Frederick co., Md., Feb. 21st, 1814. He graduated at the univ. of Pa. M. D. in 1834, and located himself first in Frederick City, Md., and finally settled in Baltimore in 1839. He is a member of the med. and chirurg. fac. of Md., has been its vice-president; was president of the board of health of Baltimore from 1855 to 1861, and during the year first named repeatedly visited Norfolk, where the yellow fever was then raging. A careful study of this and comparison with the same visitation in Baltimore in 1819, led him to the conclusion that it was non-contagious. His associates in the board, Drs. Jacob W. Houck and Judson Gilman, concurring in this view, the board at once determined not to quarantine the vessels plying

between Norfolk and Baltimore for transportation of passengers, thus affording refugees abundant opportunity to escape. The Bay line of steamers between Norfolk and Baltimore made their usual daily trips. A number of refugees were seized with the fever after their arrival in Baltimore, a large proportion of whom recovered. Although these persons sickened in different sections of the city, there was not one instance in which members of the families, physicians or nurses contracted the fever. There were no hasty burials of those who died. All the facts here unmistakably proved the non-contagiousness of the fever, and the action of the board of health throughout the season was accordant with this view. Baltimore was the only port in communication with Norfolk where quarantine was not enforced. This solitary action of the board of health evoked much criticism at the time, and committees from several of the seaboard cities visited Baltimore, to confer with the board and to remonstrate against their proceedings. The board continued their arrangement throughout the epidemic, and the results demonstrated the correctness of their position. An extensive correspondence with boards of health in many of the cities revealed the fact, that the quarantine regulations in the different ports were not based on the same general principles, each port having its own special ideas, and the quarantine being managed according to the peculiar views of the locality. Hence arose the call for a general meeting of delegates from corporations, boards of health, merchants' exchanges, medical associations, and all bodies directly interested in the subject of quarantine laws and their proper execution. This meeting convened in Philadelphia in 1857 and became "The National Quarantine and Sanitary Association," which held annual conventions until the year 1860, when the war occurred and prevented subsequent conventions. The association had held conventions in Philadelphia, Baltimore, New York, and Boston, and gave to the public a great mass of valuable matter on the subject. Dr. Kemp was president of the second convention. He is the author of various articles in the medical and surgical journals throughout the country; also of a monograph entitled "Obstetrical Notes based on One Thousand Cases of Delivery." In 1836 he married Susan, daughter of Dr. Thomas W. Johnson, of Frederick, Md.; she died in 1846. In 1848 he married Emma, daughter of Frederick Amelung, Esq., of Baltimore co., Md. His son, Dr. W. F. A. Kemp, of Baltimore, is an active worker among the junior members of the profession.

NOWLIN, JOHN BRYAN WARD, Nashville, Tenn., of Anglo-American parentage, was born in Danville, Va., Aug. 3d, 1836. He studied at Roanoke academy, and in the univ. of Va., and pursued his medical education at Jefferson med. coll., and in the med. dep't of the univ. of Va., whence he graduated M. D., 1856. He located himself first in Wytheville, Va., then removed to Union in the same State, next to Rome, Ga., Shelbyville, Tenn., and finally settled in Nashville, making a specialty of gynæcology. He is a member of the Nashville med. soc., of the Tenn. State med. soc., and of the Am. pharmaceutical and Am. med. assos. He is secretary of the board of health of Nashville, and during the war was surgeon in the Confederate States army. In 1858 he married M. A. Campbell, of Union, Va. She died in 1870. In 1871 he married B. B. Maupin, daughter of Blan Maupin, Esq., of Bedford co., Tenn. He is a member of the American scientific asso.

WOOD, HUGH D., Angola, Ind., was born in Bainbridge, Chenango co., N. Y., June 28th, 1838. His literary education was obtained at the Northeastern (Ind.) literary institute, and at Hillsdale coll., and his medical education at the Buffalo med. coll., and at the Bellevue hosp. med. coll., New York, graduating from the latter in 1867. His first residence was at Metz, whence he removed in 1869 to Angola. His specialty is surgery, in the practice of which he has performed the excision of the head of the femur three times with two recoveries; also the Cæsarean operation in a case of extra-uterine pregnancy, three years and four months after conception, the fœtus being perfect. He is a member of the Steuben co. med. soc., was its president from 1866 to 1869 and is its present secretary: of the Northeastern Ind. med. soc., was its president in 1872, and is its present secretary; of the Ind. State med. soc.; of the Indiana, Ohio, and Michigan Tri-State med. soc., one of its vice-presidents in 1876; of the Allen co. med. soc.; Michigan southern med. soc.; of the Am. med. asso.; and of the International med. congress, 1876. He holds the chair of clinical surgery and gynæcology in the med. coll. of Fort Wayne, Ind. In Dec., 1862, he married Joanna, daughter of Hon. Clark Powers.

KUNST, ALBERT HENRY, Weston, West Va., was born in Pruntytown (now) West Va., Feb. 19th, 1845. His parentage and ancestry are of German, French, and American, the ancestors of his father

being of Huguenot stock who were banished from France, and his father fought in the wars against Napoleon. He was educated in Rector coll., Pruntytown, W. Va., and in other schools, and by private teachers, and pursued the study of medicine in Starling med. coll., graduating M. D. in 1867, and located himself first in Pruntytown; but having received the appointment of ass't superintendent of the W. Va. hosp. for the insane in 1868, he removed to Weston in that year. He is a member of the W. Va. med. soc., and of the Lewis co., W. Va., med. soc., and has been delegate to the Am. med. asso. He has at various times contributed to the literature of his profession, among other articles on "The Use of Chloral Hydrate in Insanity," *Medical and Surgical Reporter*, April, 1870; "On Chloral Hydrate, its Use in Orbital Neuralgia, as an Anæsthetic in the Removal of an Atheromatous Tumor; on Subcutaneous Injections for Convulsions in Consumption," *ibid.*, Feb., 1871; "On Sick Headache," *ibid.*, March, 1872; "Synopsis of Insanity," Transactions of med. soc. of W. Va., April, 1867; "Treatment of Typhoid Fever," read before Lewis co. med. soc., 1871; "On the Epidemic Influenza," etc., *Medical and Surgical Reporter*, April, 1873. He holds the position of director of the National Exchange bank of Weston. In March, 1875, he married Tillie M., daughter of John S. Camden, Esq., deceased, of W. Va.

LEIDY, PHILIP, Philadelphia, of Huguenot and Palatinate ancestry, was born in Philadelphia, Dec. 29th, 1838. He was educated at the Central high school in that city, and by private instructors, and studied medicine at the univ. of Pa., his preceptor being Dr. Joseph Leidy, whence he graduated M. D., 1859, and settled in Philadelphia. From 1859 to 1861 he was resident phys. at the Philadelphia hosp. In 1861 he entered the army, where he remained till 1865, returning to Philadelphia in that year. He is a member, formerly president, of the medico-chirurg. soc. of Philadelphia; of the Northern med. soc.; of the Philadelphia co. med. soc.; of the State med. soc., and of the Am. med. asso. He is the author of various reports to the medical and surgical dep't of the U. S. army, and of papers read before medical societies, etc. In 1874, Governor Hartranft appointed him port physician for Philadelphia, and he is now a member of the sectional school board of that city. During the war he held the position of post surgeon at Manchester (1864); was medical inspector of Shenandoah, Va., under and on the staff of General Sheridan, and one of the chief operating surgeons of the 6th army corps; was U. S. examining surgeon for four years at Philadelphia, from 1866 to 1870. He married, Feb. 15th, 1865, Nellie Maury, daughter of R. I. W. Polk, Esq., of Winchester, Va.

HART, SAMUEL, Brooklyn, N. Y., was born in the South Parish of Reading, now the town of Wakefield, Mass., Nov. 27th, 1796. He is the youngest son of Dr. John Hart, born in Ipswich, Mass., 1751, who entered the revolutionary army in the summer of 1775 at Cambridge, under Washington, and who was surgeon of Col. Prescott's regiment until it was disbanded in Dec., 1776. After his discharge from the army in 1784 he left West Point, where he had been stationed, and settled in Reading, devoting himself to both professional and political life, having served thirteen years in the Massachusetts legislature, besides holding the position of magistrate, etc. He was a personal friend of Washington, who employed him in a daring enterprise which he successfully accomplished. Dr. Hart was educated at Harvard univ., graduated in 1817, receiving the degree of A. B. and of A. M. in 1820, and studied medicine in the office of his father under the supervision of Harvard univ., and received the degree of M. D. in Feb., 1821. He remained near his father till 1822, when he settled in Beverly, Mass., but removed to Oswego, N. Y. In 1828 he removed to Brooklyn, establishing himself in an active general practice, which, while full of incidents and cases exceedingly interesting to the profession, is not directed to any special line. He was elected a fellow of the Mass. med. soc. in 1824; a member of the Oswego co. med. soc., elected in 1829, and has held the positions of its president, censor, and corresponding secretary; has been president and censor of the Kings co. med. soc.; one of the curators of the med. dep't of the univ. of Buffalo; is a member of the Am. med. asso., elected permanent member in 1849, and in 1857 was elected permanent member of the New York State med. soc. He has besides been frequently president of a number of local societies. For some time past he has had in contemplation the publication of his experiences and observations, which have been accumulating for more than half a century. While at Oswego, he held the position of surgeon of a regiment of riflemen. He is a member of the Long Island historical soc., and of the society of the Cincinnati.

RIDDELL, SANFORD SCHRAGER, Chippewa Falls, Chippewa co., Wis., was born in New Orleans, Aug. 22d, 1838.

His father, Prof. I. L. Riddell, of New Orleans, La., well known to the scientific world as a chemist and scientific man, who was born in Coleraine, Mass., came from a mixed Scotch, Irish, and English ancestry; his mother, Mary Elizabeth Knocke, was an American of Prussian extraction. His literary education was obtained in the academic dep't of the univ. of La., and at La. coll., and his medical education in the med. dep't of the univ. of La., whence he graduated in March, 1860. He has been a resident of New Orleans, Cincinnatus, N. Y., Norwich, N. Y., and now resides at Chippewa Falls, Wis. He has made a special study of uterine diseases. During his youth, for many years, he prepared and performed the experiments at his father's chemical lectures, and assisted at his various analyses and microscopical researches, and in perfecting the binocular microscope (first invented by his father.) While still a lad he discovered, described, and named a new polygonum—"Polygonum nova Aureliensis." He is a member of the New Orleans academy of sciences, elected when twenty-one years of age; of the Chenango co., N. Y., med. soc.; of the Chippewa Falls med. soc., of which he was one of the organizers, and for some time secretary and treasurer; also of the Chippewa co. med. soc., into which the Falls soc. merged. He is also a member of the Am. med. asso. His contributions to professional literature consist of a few minor articles to medical journals. At the age of twenty-two he was called to the chair of chemistry and metallurgy in the New Orleans dental coll.; was ass't to the prof. of chemistry in the med. dep't of the univ. of La.; and was also ass't to the Texas State geologist in 1860. He was three months in the rebel army, but refused to serve after the capture of New Orleans. He was afterwards captain of Co. E., 5th Louisiana white infantry, U. S. army. In Dec., 1866, he married Josephine, daughter of Roswell K. Bourne, Esq., of Cincinnatus, N. Y.

BRIDDON, CHARLES K., New York, son of Samuel Briddon and Ann (Harrison) Briddon, of Manchester, England, was born in Manchester, March 4th, 1827. He pursued his medical studies at the coll. of phys. and surg., and in the medical dep't of Columbia coll., New York, and graduated M. D. in 1857. He is late member of the statistical, dermatological, and medico-legal socs., and of the med. journal asso.; member of the county med. soc., and was president of the New York patholog. soc. in 1876. His contributions to medical literature consist, among others, of reports "On Ligature of Primitive Carotid," *New York Medical Press*, Jan., 1859; "Congenital Hernia of Funis," *Medical and Surgical Reporter*, Oct., 1859; "Ligature of Femoral Artery," *American Medical Monthly*, 1859; "Excision of Hip," *Medical Record*, May, 1876, and Nov., 1876; "Operation for Neuroma Musculo-Spiral in Axilla," *ibid.*, Nov., 1875; "Excision of Elbow-Joint," *ibid.*, April, 1873, and Oct., 1876; "Excision of Wrist-Joint," *ibid.*, June, 1876; "Extirpation of Rectum," *ibid.*, Jan., 1877; also of papers: "Lithotomy in Children," *American Medical Times*, Jan., 1862; "Operations on the Air-Tube," *ibid.*, Nov., 1868; "Contributions to the Surgery of the Male Urethra," *Medical Record*, July, 1872. From 1857 to 1875 he was surgeon to the New York dispensary, and from 1857 to 1865 he was lecturer in the summer course at the coll. of phys. and surg., New York. He now holds the position of surg. of the Presbyterian hosp. in the city of New York, and of the hosp. dep't of the Colored home in the same city. He married Martha, daughter of the late Francis Reynolds, Esq., of New York.

OATMAN, IRA E., Sacramento, Cal., of German-English descent, was born in New Albany, Ind., Oct. 18th, 1819. His professional education was received in the Rush med. coll., whence he graduated M. D. in Feb., 1845. In the ensuing March he entered upon the practice of his profession at Dundee, Ill., removed thence to Chicago in Feb., 1848, and thence to California, across the plains, in 1849. In 1850 he returned for a short time to Chicago, and since 1852 has been established at Sacramento. In 1848 he founded in Chicago—aided in its support by the city government—a private hospital in connection with Rush med. coll. In the course of his practice he has excised the knee-joint; amputated the thigh; removed fibrous and other polypoid tumors of the uterus, etc., and made use of bromide of potassium in the treatment of spermatorrhœa some two years previous to the publication of Dr. Condie's paper upon that subject. While engaging in a general practice he gives special attention to midwifery and gynæcology. He is a member of the Sacramento soc. for med. improvement, president in 1876; of the Cal. State med. soc., treasurer since 1873; and of the Am. med. asso.; also of the asso. of California pioneers. Of his professional publications may be mentioned: "Mountain and Malarial Fevers," *Northwestern Medical and Surgical Journal of Chicago* (date lost); "Anteversion of the Uterus," *Pacific Medical and Surgical Journal*, May, 1870; "In-

flammation and Ulceration of the Os and Cervix Uteri," *ibid.*, Nov., 1871; "Infantile Diarrhœa," *ibid.*, March, 1873; "Dysmenorrhœa," *ibid.*, Dec., 1874; "Puerperal Convulsions," Transactions Cal. State med. soc., 1877; and in 1871–72, as chairman of the standing committee on midwifery and diseases of women and children of the State med. soc., reported at length. In 1873 he offered the first resolution before the State med. soc., in favor of legislation for regulating the practice of medicine, and aided in securing the passage, three years later, of a State law to this end. During the early part of the late war he was ass't surg. to the 4th reg. Cal. militia; was subsequently U. S. examining surg. for recruits at Sacramento, and since 1870 has been surg. to the U. S. pension bureau. Since 1868 he has been examining phys. in Sacramento to the New England mutual life insurance company. He married, April 9th, 1845, Villitta C., daughter of Elias Freer, Esq., of Will co., Ill., and a sister of the late Prof. Joseph W. Freer, president of Rush med. coll.

DODSON, N. MONROE, Berlin, Green Lake co., Wis., was born of English parents, in Huntingdon, Luzerne co., Pa., June 26th, 1826. He was educated in the common schools of his native State, and at Berwick academy, and studied medicine at the Iowa univ., whence he graduated in 1850 M. D., establishing himself first in Madison, Wis., but removing to Berlin, Wis., the year after, 1851, where he has since resided in active general practice, except the time spent in a European tour in 1872. He is a member of the Wis. State med. soc., and of the Am. med. asso. He is examining surgeon for pensions, and has been for several years city superintendent of public schools. In 1857 he married Elizabeth O., daughter of Chauncey Abbott, Esq., of Cayuga co., N. Y.

THOMAS, HOWELL LEWIS, Richmond, Va., was born in Richmond, May 15th, 1824. His parents were Norborne Kerr, Thomas and Ann Eliza (Burwell) Thomas, descendants of the old Virginia colonists of that name. He was educated in the schools of Richmond, and studied medicine at the univ. of Va., and at the univ. of Pa., graduating at the latter institution in 1849. He settled immediately after in Richmond in general practice, but giving special attention to diseases of the eye and ear. His medical writings have been mostly of an editorial character, he having held the position of associate editor of the *Virginia Medical and Surgical Journal*, and later of the *Confederate States Medical and Surgical Journal*. He has held the position of demons. of anat. in the med. coll. of Va.; has been at different times member of the board of health of Richmond, ass't coroner and phys. to the city almshouse: also member of the State board of commissioners for the distribution of artificial limbs to maimed soldiers of the State. During the civil war he held the position of surgeon in the Confederate States service.

CRONYN, JOHN, Buffalo, N. Y., of French-Scotch descent, Irish parentage, was born in county Cork, Ireland, Dec. 15th, 1827. Educated at a monastery in Cork; by private tutor and in the univ. of Toronto, Canada; he was licensed a physician in 1850; took his bachelor's degree in medicine in 1857, and in 1858 received his degree of M. D. From 1850 to 1859 he practised at Fort Erie, Canada; since the latter date has been established in Buffalo. He is a member of the Erie co. med. soc.; a member of the board of censors, president in 1875 and 1876, and a delegate thence to the State med. soc.; was also of the Buffalo med. asso., president in 1873; is surg. to the Sisters of Charity hosp. Of his professional publications may be mentioned papers on "Laryngo-Trachitis," and "Malignant Pustule," and numerous reports of cases. He married, 1850, C. A., daughter of Mr. Willoughby.

PECKHAM, FENNER H., Providence, R. I., of American parentage and English ancestry, was born in Killingly, Conn., Jan. 27th, 1820. His father, Dr. Hazael Peckham, of that place, was a noted physician, and had an extensive practice. After completing his academical studies he entered the office of Dr. Justin Hammond, a well-known physician of Windham county, and subsequently studied with Profs. Knight and Hooker, of New Haven, Conn. He graduated from Yale med. coll. in 1842, and commenced practice in his native place, East Killingly. Soon after he removed to North Killingly, now called Putnam Heights, where he remained till 1852, when he settled in Providence, R. I. During his residence in Connecticut, he was a member of the med. soc. of that State. He is now a member of the R. I. med. soc., and has twice had the honor of being elected its president. Aside from reports of special cases, and addresses, his contributions to medical literature consist of a monograph "On Hydrophobia," given before the American association, and the "Topographical and Geological Condition of the Second District of Rhode Island," etc.

(in report of Dr. Baxter in statistics of volunteer service). For several years he was phys. and surg. of the Marine hosp. at Providence. He was commissioned in 1861 surg. of the 3d R. I. heavy artillery, and assigned to duty at Washington, with the 2d R. I. volunteers, having subsequently had charge of the med. dep't of Camp Sprague, both before and after the first battle of Bull Run. He was then transferred to Port Royal, where he joined the first-named regiment. He resigned in Feb., 1872. In April, 1863, he was appointed surg. of the board of enrolment of the 2d district, and visited Fortress Monroe at the request of Gov. Smith. He continued his connection with this board till the close of the war. During the successful days of the Economical life insurance company, he was connected with its medical board. His son, Dr. F. H. Peckham, jr., has been a number of years in practice with him, and he has relinquished to him the more laborious part of the profession; ill health rendering it necessary for him to confine himself to the lighter duties of office work and consultation.

GAYLEY, JAMES F., Philadelphia, of Scotch-Irish extraction, son of Daniel and Anne (Fyfe) Gayley, was born in the parish of Ardstraw, county Tyrone, Ireland, April 16th, 1818. Coming to America in 1837 he was for a time a student and subsequently a teacher in the Wilmington (Del.) classical institute, of which his uncle, the Rev. Samuel M. Gayley, was then principal. Having read medicine under Drs. Lewis P. Bush, of Wilmington, Del., and Horace D. Taliaferro, of Richmond, Va., he attended medical lectures in 1845–46 and 1846–47 in the latter city at Hampden Sydney coll., and in 1847–48 at the univ. of Pa., from which he received his degree of M. D. in March, 1848. In the same year he settled in Philadelphia, engaging in a general practice, but giving especial attention to the diseases of women and children. He is a member of the Philadelphia co. med. soc. In the summer of 1848 cholera broke out in New Orleans. Anticipating its appearance the next year in Philadelphia, he made, during the ensuing winter, a careful study of the disease as set forth by the leading writers on the subject; and when, in June, 1849, it made its appearance in Richmond, Va., he visited that city, and spent a fortnight in studying the disease practically. It broke out in Philadelphia soon after his return; and the result of his studies was, that of the thirty-five cases which came under his care, thirty-two recovered. His professional publications have been few, but of considerable importance. Of these may be mentioned: "The Etiology of Intermittent and Remittent Fevers" (his thesis on graduating), *American Journal of Medical Science*, Jan., 1849, copied in *London Medical Gazette*, Sept., 1849; synopsized in Braithwait's Retrospect, part xx., p. 20, *et seq.*, and pronounced by the late Prof. Samuel Jackson, of Philadelphia, the ablest paper on the antimalarial side of the question he had ever met: "On Cholera Asphyxia," *American Journal Medical Science*, July, 1850, extensively copied by contemporary medical journals; and "A History of Jefferson Medical College, with Brief Biographies of its Early Professors," Philadelphia, 1858. He has been a director of public schools for many years, and since 1862 has been a member of the Presbyterian board of education. He married, June 12th, 1856, Annie, youngest daughter of the late Samuel Morrow, of Philadelphia.

MIXER, SYLVESTER FREDERICK, Buffalo, N. Y., descended from English settlers in New England, was born in Morrisville, Madison co., N. Y., Dec. 27th, 1815. Having graduated from the med. dep't of Yale coll. in 1841, in the same year he established himself as a general practitioner in Buffalo, N. Y. In 1847 he took the degree of M. D. from the coll. of phys. and surg., New York. He is a member of the Buffalo med. soc., and was president of the same in 1852. He is also a member of the Erie co. med. soc., and of the Am. med. asso. From 1858 to 1874 he was attending phys., and since the latter date has been consulting phys. to the Buffalo city hosp. He married, Feb. 23d, 1853, Mary E., daughter of Dr. Perrin Knowlton, of Cincinnati, O.

TAYLOR, WILLIAM TERRY, Philadelphia, son of John Taylor and (Terry) Taylor, the former of Welsh ancestry, and the latter by birth an English woman, was born in (the old district of the Northern Liberties) Philadelphia, March 6th, 1822. He was educated at a Baptist boarding school at Haddington, near Philadelphia, and received his classical and literary education at Rev. Mr. Crawford's classical school in Philadelphia, and at the univ. of Pa., receiving his A. B. in 1842. He studied medicine in the office of Dr. Wilson Jewell, subsequently took a position as a drug-clerk to improve his knowledge of materia medica, and also studied at the univ. of Pa. med. dep't, receiving his M. D. degree in 1848. He settled in Philadelphia in general practice, but giving special attention to the subject of ob-

stetrics. His cases in this branch to Jan. 1st, 1877, numbered 2,246, among them twenty cases of twins, one of triplets, and four of monstrosities. He is a member of the Am. med. asso., of the Pa. State med., the Philadelphia co. med., and the Philadelphia obstet. socs. He visited Europe in 1872 for the successful purpose of regaining health, which he had lost from an excess of work during the small-pox epidemic of 1871 and 1872. During the course of his practice he has contributed reports of various cases to the *American Journal of Medical Sciences* and *Medical Times*. For three years after graduating he held the position of phys. of guardians of the poor for the Northern Liberties. In June, 1849, he married Harriet H. Mattison. She died in Oct., 1865. In May, 1870, he married Mrs. Jane Fesmier, daughter of Jonathan Toone, Esq., of Philadelphia.

CLARK, LUCIUS, Rockford, Ill., of Massachusetts parentage, was born in Amherst, in that State, June 13th, 1813. He was educated in Amherst, and in Pittsfield, Mass., and studied medicine in Berkshire med. coll., and at the Geneva med. coll., graduating M. D. at the latter in 1835, locating himself first in Marion, Wayne co., N. Y., then at Chili, Monroe co., N. Y., finally settling in Rockford in 1845 in an active general practice. He is a member of the Ill. State med. soc. During the war he was in the field for a short time as president of the board of examiners of surgeons for the State of Ill., and since its organization has been trustee of the Rockford female seminary. In 1836 he married Julia A. Adams, of Hinsdale, Berkshire co., Mass. She died in July, 1861. In April, 1864, he married Charlotte M., daughter of William H. Townsend, Esq., of Rockford, Ill.

TALLEY, ALEXANDER NICHOLAS, Columbia, S. C., son of the Rev. Nicholas Talley, of the M. E. church, was born at Washington, Wilkes co., Ga., Oct. 27th, 1827. Having been graduated B. A. from the S. C. coll., Columbia, he entered the Charleston med. coll., was graduated thence M. D. in March, 1851; continued his professional studies during the ensuing year in the hospitals of New York and Paris, and in 1852 established himself in Columbia. He is a member of the Am. med. asso.; member of its judicial council in 1874; of the S. C. med. soc., president in 1869 (elected at the first meeting after the war), and of the med. soc. of Columbia, president in 1874. Since 1867 he has been prof. of the practice of medicine in the univ. of S. C. In 1861 he was one of the authors of the "Confederate States Manual of Surgery," published by the government for the use of the medical staff of the army; he has also contributed occasional papers and reports to the leading southern professional periodicals. In 1861 he was appointed a surg. in the Confederate States army; was promoted to be med. director for South Carolina in the same year; was ordered to Richmond in the following November, and was appointed, in the same month, president of the Confederate States army board of med. examiners. This important position he retained till the end of the war.

EVANS, CHARLES, Philadelphia, son of Jona and Hannah Evans, was born in Philadelphia, Dec. 25th, 1802. He was educated at Friends' schools, and studied medicine at the univ. of Pa., under Dr. I. Hartshorne and Dr. Godman, and graduated in March, 1828, settling in Philadelphia. He was attending phys. at the asylum for persons deprived of the use of their reason, for twenty years, from 1832 to 1852; is a member of the coll. of phys., and is the author of "Cases of Insanity," published in the *American Journal of Medical Science*. He retired from the active duties of the profession in 1861.

MILTENBERGER, GEORGE WARNER, Baltimore, Md., son of the late Gen. Anthony J. W. Miltenberger, who held a commission in the war of 1812, and D. B. (Warner) Miltenberger, who still survives, was born March 17th, 1819. His primary education was obtained at Boisseau academy, Baltimore, and his classical and literary education at the univ. of Va. He studied medicine in the univ. of Md., graduating M. D. in 1840, and settling in general practice in Baltimore. In the last-named year he was elected demons. of anat. in the univ. of Md., a position he held till 1852. He also commenced a course of lectures in the same institution, and these he continued till 1847, and completed the course on anatomy which had been left unfinished by reason of the death of (his preceptor) Dr. William Baker. In 1847 he was placed in charge of the surgical wards of the infirmary, a position previously restricted to one of the faculty. In the same year he was elected lecturer on patholog. anat. In 1849 he became one of the attending phys. to the Baltimore city and county almshouse. In 1852 he was elected to succeed Prof. Chew (who had been transferred to the chair of theory and practice of medicine), in the chair of materia medica,

therapeutics and pathology. This position he held till 1858, when he was elected prof. of obstet., which he still holds. In 1855 he had been chosen dean of the faculty of the univ. The above duties, together with his ever increasing practice, compelled him in 1858 to discontinue his private class, which up to that date had been largely attended. In May, 1850, he married Sarah E., daughter of Nathaniel Williams, Esq., formerly of Mobile, Ala., but later of Baltimore.

McKEAN, JOHN ALEXANDER, Washington, Pa., of Scotch-Irish descent, was born at Washington, July 14th, 1846. Educated at Washington and Jefferson colls., and in the med. dep't of the univ. of Pa., he was graduated M. D. from the latter institution in March, 1870, and after practising for a few months at Independence, Pa., established himself in June, 1871, in his native town. He is a member of the Washington co. med. soc., secretary, 1875–76. Since 1874 he has been physician to the Washington co. jail. He married, Oct. 3d, 1876, Jennie B., daughter of John C. McCoy, Esq., of Washington, Washington co., Pa.

McGAUGHEY, JAMES BROWN, Winona, Minn., of Scotch-Irish descent, was born near Gettysburg, Pa., Dec. 1st, 1842. Having received a common school education, he attended lectures at the Berkshire med. coll., and in the med. dep't of the univ. of Mich., his degree of M. D. being conferred by the latter institution in March, 1867. In the same year he established himself in Winona. He is a member of the Winona co. med. soc., secretary since 1872; of the Minnesota State med. soc., and of the Am. med. asso., 1872. Since 1873 he has been a member of the Winona board of education; coroner of the county, from 1872 to 1876, and since 1872 has been secretary to Winona preparatory school of medicine. Early in the late war he enlisted as a private in the U. S. volunteer army; was promoted to hospital steward, and was subsequently promoted to be an officer of the line. He married, Oct. 9th, 1872, Abigail J., daughter of Moses Farlier, Esq., of Davenport, Iowa.

ARMOR, SAMUEL G., Brooklyn, N. Y., was born, Jan. 29th, 1818, in Washington co., Pa., of Scotch-Irish parentage. While young, his parents removed to Ohio. He received his collegiate education at Franklin coll. (New Athens), O., and the degree of LL.D. was conferred on him in the same institution, at its commencement in June, 1872. He studied medicine with Dr. James S. Irvine, of Millersburg, O., and graduated in the Missouri med. coll. of St. Louis in 1844. Soon after his graduation he located in Rockford, Ill. In 1847 he accepted an invitation to deliver a special course of lectures on physiology in the Rush med. coll. of Chicago, Ill., and the following year he was tendered the chair of phys. and pathol. in the same institution, which he declined for the reason that he had just accepted the same chair in the med. dep't of the Iowa univ., located at Keokuk, Iowa. He subsequently resigned his chair in this institution, and accepted the chair of the natural sciences in the Cleveland univ., in the meantime devoting himself to the general practice of his profession In July, 1853, the Ohio State med. soc. awarded to Dr. Armor a prize for his essay upon the "Zymotic Theory of the Essential Fevers," and during the same year he resigned the chair of the natural sciences in the Cleveland univ., and accepted the chair of phys. and pathol. in the med. coll. of Ohio, at Cincinnati. During the following year he was transferred to the chair of pathol. and prac. of medicine and clinical medicine, made vacant by the resignation of Prof. L. M. Lawson, which chair he continued to fill during his connection with the school. In May, 1856, Dr. Armor was married to Mary M. Holcomb of Dayton, O., and soon after resigned his position in the med. coll. of Ohio, and transferred his residence to that city Immediately after his resignation in the med. coll. of Ohio, he was elected to the chair of pathol. and clinical medicine in the Missouri med. coll. of St. Louis, of which institution he was an alumnus. In 1861 he was tendered the chair of institutes of medicine and mat. med. in the univ. of Mich., which position he accepted, making his home in Detroit. In 1866 he accepted the chair of therap., mat. med. and general pathol. in the Long Island coll. hosp. of Brooklyn, N. Y., and in the following year he was transferred to that of practice of medicine and clinical medicine, made vacant by the resignation of Prof. Austin Flint; which position he still occupies. Dr. Armor has been a frequent contributor to the current medical literature of his time.

McCLELLAN, HARVEY ROBERT, Xenia, O., was born in Wayne co., Ohio, Nov. 27th, 1827. On the paternal side he is remotely of Irish extraction; his mother was of Scotch descent, but both parents were natives of Pennsylvania. They emigrated to Ohio in 1813, and settled in Wayne co. for the purpose of engaging in agricultural pursuits. In 1832 they removed to Green co., where

their deaths occurred respectively at the age of eighty-two and eighty-five years, after a connection as man and wife for a period of sixty years. Until his twentieth year was reached, he attended the Xenia academy, then engaged for a brief period in teaching school. A year later he commenced the study of medicine under the preceptorship of Dr. Samuel Martin, and in 1854 graduated from the Starling med. coll., at Columbus, O. He entered on the practice of his profession in Cedarville, where he remained during the two ensuing years. At the expiration of this time he removed to Xenia, where he has since resided. Was surgeon in the army, stationed for a time at Cumberland field hosp., Tenn. He is now a practitioner of twenty-one years standing, the oldest phys. in Xenia, while his reputation as an authority on medical subjects is second to none in the place. He is a member of the Ohio State med. soc., and of the Green co. med. soc. He is a member also of the Green co. agricultural soc., and for several years was its corresponding secretary. He was married in the fall of 1855 to Ruth S. Newkirk, of Xenia, O.

WATTS, ROBERT, New York, son of Robert Watts, prof. of anat. in the coll. of phys. and surg., New York, was born in Woodstock, Vt., May 6th, 1837. He studied medicine in the institution above named, graduating therefrom in March, 1861. He spent some months in St. Luke's hosp., New York, as house phys. and surg., and then in Aug., 1862, entered the army as a regimental surg. He is a member of the New York co. med., the obstet., the pathol. and the med. and surg. socs. During 1875 and 1876 he was clinical lecturer on diseases of women in the med. dep't of the univ. of the city of New York, was ass't surg. eye and ear infirmary, visiting phys. to Charity hosp., R. I., obstet. and gynæcolog. dep't. He is now consulting phys. to the Charity hosp., Blackwell's island, and visiting phys. to Roosevelt and St. Mary's free hosp. for children. During the war he was surg. to the 133d reg. N. Y. vols., serving in that capacity in Louisiana and Shenandoah valley. In 1864 he married Frances A., daughter of the late Stephen Kellogg, of Troy, N. Y.

LIPSCOMB, THOMAS, Shelbyville, Tenn., son of William Lipscomb and Ann Day (Cook) Lipscomb, was born in Louisa co., Va., July 22d, 1808. His medical education was obtained at Winchester, Tenn., under Dr. Robert Turner, and at the univ. of Pa., in 1830 and 1831, and receiving the honorary degree of M. D. in 1850 from the univ. of Louisville, Ky. In 1831 he settled in Salem, Franklin co., Tenn., but soon after removed to Shelbyville, where he has during a long course of years performed nearly all the more important surgical operations. He is a member of the Am. med. asso., of the Tenn. med. soc., president in 1866 of the Bedford co. med. soc.—has been its president twice—and of the med. soc. of Louisville, Ky. He is also honorary member of the Giles co., Tenn., med. soc. He is the author of an article on the "Use of the Trephine," on "Ergot as a Uterine Tonic," on the "Origin of False Conception," etc., in the *Louisville Medical Journal;* on "Scarlatina," in the Proceedings of the Tenn. med. soc.; on "Puerperal and Non-Puerperal Peritonitis," *Nashville Journal of Medicine and Surgery*, 1867 and 1874; "On the Law of the Sexes in Refutation of the Theory of Producing Sex at Will," *ibid.;* essay on the "Use of Forceps," Transactions of Tenn. med. soc., etc., etc. Received present year from Nashville med. coll. honorary degree of doctor of medicine. He has temporarily held the office of postmaster of Shelbyville, and for one year was president of the branch bank of Tenn. at that place. In May, 1832, he married Rebecca, daughter of James and Mary Stevenson, Esq., of Stratam, Ireland.

COLEMAN, JOHN S., Augusta, Ga., was born in Richmond co., Ga., Oct. 10th, 1837. He was educated in Augusta, Ga., and at Catonsville, Md., and studied medicine in the med. dep'ts of the univ. of Va., and of the Jefferson med. coll., Philadelphia, graduating in March, 1857. He was for a time resident phys. of Blockley almshouse, Philadelphia, subsequently clinical ass't of Jefferson med. coll., and resident phys. of Baltimore almshouse. In Oct., 1858, he settled in Lee co., Ga. Spent a part of the following year in Paris, and on his return in December established himself in Augusta. He is a member of the Am. med. asso., of the Georgia med. asso., and of the Augusta med. and library soc. He is the author of an article, "The Multiple Wedge Principle for Treatment of Urethral Stricture," *Medical Record*, N. Y., Jan. and Oct., 1875, and March, 1877; "A Novel and Unique Lesion of the Integument of the Abdominal Wall," *ibid.*, Feb., 1877; "Clinical Report, Transverse Septum of Vagina, Obstructing Delivery," *American Journal of Obstetrics*, 1877; "Case of Cephalic Version by the External Bipolar Method; Arrest of Profuse Post-Partum Hemorrhage with Tincture of Iodine," *American Journal Obstetrics*, Oct., 1877; "Cases of Lithotomy," *Atlanta Medical and Surgical*

Journal, April, 1876. During the civil war he served as ass't surg. in the Confederate army. In April, 1864, he married Carrie W. Stark, of S. C. She died in June, 1866. In Dec., 1867, he married Hetty K., daughter of Robt. H. McEwen, Esq., of Nashville, Tenn.

THOMAS, JAMES GREY, Savannah, Ga., descended from English and Welsh settlers in Virginia and Maryland in colonial times, was born near Bloomfield, Nelson co., Ky., June 24th, 1835. Was educated at the Bloomfield high school, and at the Roman Catholic coll. (St. Joseph), Bardstown, Nelson co., Ky. He entered the med. dep't of the New York univ., and from that institution, in March, 1856, received the degree of M. D. During the ensuing four years he practised in Bloomfield. During the war between the States, in 1862, he was commissioned surgeon, Confederate States army. Was chief surgeon of McLaw's division, and at one time medical director of Hardie's corps. Since 1865 he has been established at Savannah, Ga. He is a member of the Ga. med. soc. (local), and also of the Ga. State med. asso. He has twice served as vice-president of the latter body, and is now (1877) its president. Of his more important professional publications may be mentioned, on "The Use of the Thermometer in the Practice of Medicine," Transactions of Ga. med. asso., 1868; on "The Use of Water in the 'Summer Complaint' of Children," *Philadelphia Medical Times*, July, 1875; and on "The Use of Water in Typhoid Fever," *Charleston Medical Journal*, July, 1876. In 1874 he was elected to the lower house of the Georgia legislature. He was the author of the law creating the State board of health for Georgia, and requiring the registration of all deaths, births, and marriages. He has been president of the State health board ever since its creation, and in the two reports issued by that body—1875 and 1876—is the author of several articles upon public hygiene.

BAHNSON, HENRY T., Salem, N. C., son of the Rt. Rev. G. F. Bahnson, Bishop of the southern province of the Moravian Church, was born in Lancaster, Pa., March 4th, 1845. He was educated at Nazareth Hall, Pa., in the Moravian coll., at Bethlehem, Pa., and at the univ. of Pa., graduating from the med. dep't of the last in March, 1867. He subsequently visited Europe and continued his studies in the univs. of Berlin, Prague, and Utrecht. He settled in Salem, on his return, in general practice, but giving a specialty to surgery and gynæcology. He is a member of the N. C. med. soc.—was its treasurer from 1872 to 1876; and corresponding member of the gynæcol. soc. of Boston. He is the author of various clinical reports and criticisms, published in medical journals. During the civil war he was a private in the Confederate army. In April, 1874, he married Emma, daughter of Francis Fries, Esq., of Salem, N. C.

VAN HARLINGEN, ARTHUR, Philadelphia, was born in Philadelphia, Oct. 25th, 1845. He studied medicine in the med. dep't of the univ. of Pa., graduating in 1867, settling in Philadelphia, and making a specialty of dermatology. He is a member of the coll. of phys., and has contributed to different medical journals a number of articles on subjects connected with diseases of the skin. He was a delegate to the International med. congress, held in Philadelphia, 1876, and was secretary of the section on dermatology, etc.

BOWDITCH, HENRY PICKERING, Boston, Mass., was born in Boston, April 4th, 1840. He was educated at a private Latin school, and at Harvard coll., and studied medicine at the med. dep't of that institution, graduating A. B. in 1861, and M. D. in 1868. He studied physiology three years in France and Germany, principally with Ludwig in Leipsic, and on returning was appointed assistant professor of physiology of the Harvard medical school in 1871, and professor of the same in 1876. He is a member of the Am. acad. of arts and sciences; of the Mass. med. soc.; of the Boston socs. of med. sciences and of nat. hist., etc., etc., In 1876 he was elected a member of the Boston school board. During the war of the rebellion he was successively second lieut., first lieut., and captain of the 1st Mass. cavalry, and major of the 5th Mass. cavalry.

CONNER, PHINEAS SANBORN, Cincinnati, Ohio, son of Dr. P. S. Conner, of Cincinnati, Ohio, and of Eliza (Sanborn) Conner, whose father was Dr. Phineas Sanborn, was born in West Chester, Pa., Aug. 23d, 1839. He was educated at the Hughes high school, Cincinnati, and at Dartmouth coll., Hanover, N. H., A. B. in 1859; studied medicine in the Jefferson med. coll., Philadelphia, graduating M. D. in March, 1861. He entered the U. S. army in 1861, and subsequently settled in Cincinnati in 1866. He is a member of the Am. med. asso.; of the Ohio State med. soc.; and president of the Cincinnati acad. of medicine. He is the author of a number of papers on medical subjects in the various journals of the profession.

He has held the position of ass't surg. in the U. S. army, and is brevet captain and brevet major in the same. During 1866 and 1867 he was prof. of surgery in the Cincinnati coll. of med. and surg.; from 1867 to 1869, prof. of chemistry in the med. coll. of Ohio; from 1869 to 1876, prof. of surgical anat. in the same institution; and is now prof. of anat. and clinical surgery in the same institution. He is also surgeon to the Cincinnati and Good Samaritan hosps., Cincinnati. In Dec., 1873, he married Julia E., daughter of the late John R. Johnston, Esq., of Cincinnati.

PRENTISS, DANIEL WEBSTER, Washington, D. C., son of William H. Prentiss and Sarah A. (Cooper) Prentiss, was born in Washington, D. C., May 21st, 1843 He graduated Bachelor of Philosophy from Columbian coll., D. C., in 1861, and received an honorary degree of A. M. in 1864. Commenced the study of medicine under Dr. Joshua Riley, of Georgetown, D. C., in the fall of 1861, attending two courses of lectures at the National med. coll., D. C.; attended the third course at the univ. of Pa., Philadelphia, and graduated M. D. from that institution in 1864 Was medical assistant to Dr. N. S. Lincoln, at quarter-master's hospital, D. C., from 1861 to 1863, and acting ass't surg., U. S. A., from March, 1864, to Nov., 1865, on duty in general hospitals in and around Washington. Commenced the practice of medicine in Washington, July, 1864, and was elected the same year member of med. soc. and med. asso., D. C., and of the clinico-pathological soc. Is also a member of the Am. med. asso. and of the Potomac-side nat. hist. club. He is the author of numerous articles, principally published in the *American Journal of Medical Sciences*, Philadelphia. He was a member of the board of health of the D. of C. in 1865. In Oct., 1864, he married Emilie A., daughter of Frederick Schmidt, Esq., of Washington, D. C.

ORTON, JOHN G., Binghampton, N. Y., son of Azariah G. Orton, D. D., and Minerva (Squire) Orton, and whose ancestors emigrated from England in 1636, and settled in Windsor, Conn., was born at Seneca Falls, N. Y., Dec. 5th, 1827. He was educated at the univ. of the city of New York, and graduated M. D. in the med. dep't of that institution in 1853, settling in the spring of 1854 in Binghampton, in general practice. He is a member of the Am. med. asso.; permanent member of the N. Y. State med. soc.; is secretary and censor of the Broome co. med. soc., and was its president in 1856; elected, in 1854, a member of the Binghampton acad. of med.; in 1864, corres. member of the Buffalo natural history soc.; and in 1875 member of the Am. asso. for the cure of inebriates. He is also a member of the public health asso. of the U. S., and consult.-surg. to the N. Y. State inebriate asylum. Among his contributions to medical literature special mention may be made of "A Case of Successful Operation for Ovarian Dropsy," reported in Transactions of the N. Y. State med. soc., 1869; "Amylene as an Anæsthetic," *ibid.*, 1858; "Bi-chromate of Potassa in Treatment of Diphtheria," *ibid.*, 1868; "Contributions to Chemical Pathology," Transactions of med. asso. of southern central N. Y. He has held the position of manager of the N. Y. State inebriate asylum since 1868; manager and president of the orphan asylum at Binghampton since 1869, the date of its organization; and trustee of the N. Y. State blind asylum. He is also trustee of the Binghampton savings bank, and for four years has been member of the board of education of that city, and has been U. S. examining surgeon for pensions since 1863. He is the confidential adviser and medical examiner for most of the life insurance companies represented in Broome co. In June, 1856, he married Helen M., daughter of Dr. Ammi Doubleday, of Binghampton, N. Y.

STOUT, SAMUEL HOLLINGSWORTH, Roswell, Cobb co., Ga., grandson of Lieut. Abraham Stout of the revolutionary army, and son of Samuel V. D. Stout, Nashville, Tenn., and of Catherine (Tannehill) Stout, daughter of Capt. Josiah Tannehill, also of the revolutionary army, was born in Nashville, March 3d, 1822. His literary education was obtained in the classical seminary of Prof. Moses Stevens, and in the Nashville univ., where he graduated A. B. in Oct., 1839. He studied medicine under Dr. R. C. K. Martin, and his brother, Dr. Josiah W. Stout. In 1842–43 attended lectures in med. dep't of the univ. of Pa., settling at Eaton, Gibson co., Tenn., in 1843. In 1844 he took charge of a classical school at Elkton, Tenn. After three years, he returned to Philadelphia, and continued his medical studies under Drs. W. W. Gerhard and Edward Peace, and in Feb., 1848, passed the examining board of navy surgeons, as ass't surg., ranking No. 1 of that date, and graduated M. D. from the univ. of Pa. in April, 1848. He afterwards settled in Nashville. Subsequently, he retired to Giles co., where at Midbridge, near Pulaski, he pursued, successfully, farming, and medicine and surgery. He has successfully performed many important surgical operations. While

resident in Tennessee, was at one time secretary of the Tenn. State med. soc., and president of the Giles co. med. soc. He is a member of the Ga. med. asso., was its secretary in 1872 and 1873, honorary member of the Pulaski, Tenn., acad. of med., and of the Southern dental asso.; and is an active member of the Atlanta, Ga., acad. of medicine. His contributions to medical literature have been confined chiefly to reports of cases. In May, 1861, he entered the Confederate service as surg. of the 3d Tenn. regiment. In Nov. of that year he was ordered to duty in the general hosps. at Nashville, made surg. of the post at Chattanooga in March, 1862, and superintendent of all the hosps. in Bragg's dep't four months after. In Feb., 1863, he was appointed med. director of hosps. of the dep't of Tenn., a position he held to the end of the war. In 1865 he was elected prof. of surgical and pathological anat. in the Atlanta med. coll. After delivering two courses of lectures he resigned early in 1867, and in 1868 returned to Nashville. In 1869 removed to Atlanta, where he remained until Nov., 1874, when he went to Roswell, his present residence. While resident in Atlanta in 1869, he commenced the agitation of the policy of inaugurating a system of public schools in that city, which with the aid of other public-spirited citizens he pushed to consummation. In April, 1848, he married Martha M., daughter of Thomas E. Abernathy, of Giles co., Tenn.

NEIL, ALEXANDER, Columbus, O., son of D. Charles Neil, of Delaware, O., was born in Delaware, Dec. 21st, 1838. He received his literary education at the Wesleyan univ., Del., graduating in 1858, and studying medicine under Prof. Blackman, of Cincinnati, and at the med. coll. of O., from which he received his degree of M. D. in 1860. He visited Europe immediately after and continued his studies at St. Bartholomew's and Guy's hosps., London, where he remained till the latter part of 1861, when he returned and entered the army of the Union. After the war he settled in Sunbury, O., and in 1870 removed to Columbus. He is a member of the Delaware co. med. soc., of the Central O. med. soc., of the acad. of med., Columbus, O., of the Ohio State med. soc., and of the Am. med. asso. He entered the army at the beginning of the war of the rebellion as vol. surg., and served in that capacity for nearly four years, in the Shenandoah valley, army of the James, and army of the Potomac, being engaged in twenty-four battles and many smaller conflicts; and having during his medical career performed nearly all the operations in military surgery, among them several times amputation at the hip-joint. He is professor of surgery in the college of physicians and surgeons of Columbus, and is a member and also secretary of the Columbus school board, elected in 1872. In Sept., 1866, he married Marietta, daughter of David H. Elliott, Esq., of Sunbury, Ohio.

KENT, JAMES, Selma, Ala., was born at Petersburg, Va., Jan. 8th, 1830. He attended the primary schools of Petersburg, and finished his academical course at William and Mary coll., Va.; read medicine with Dr. Luke White, of Petersburg, Va.; and graduated from the med. dep't of the univ. of Pa., in April, 1850. He settled first in Linden, Marengo co., Ala., from which he removed in the winter of 1855 to Selma, Dallas co., Ala., where he pursued the practice until Nov., 1876, when, disabled by sickness, he retired to recruit his health in the mountains of Ala Although his practice has been general, he has made a specialty, so far as possible, of female diseases. He is a member of the Selma med. soc., of which he has been four times elected president, and to whose transactions he has from time to time contributed reports of notable cases in his practice, as also papers on various medical subjects. In 1861 he entered the Confederate service as captain of the 8th Ala. regiment; and in 1862 he was elected colonel of the 44th regiment, but in the fall of that year was compelled by ill health to resign. He has been a councilman of the city of Selma; a director of an insurance company; twice elected president of the board of health; chairman of several benevolent associations; and president of the Selma literary and benevolent association, organized for the purpose of establishing a library and hospital for the city. He was married in 1855 to a daughter of the Hon. Wm. J. Alston, of Ala., and now resides on Shade Mountain, Jefferson co., Ala.

HARRISON, BENJAMIN FRANKLIN, Wallingford, Conn., son of Elizur Harrison and Rebecca (Bartholomew) Harrison, and a descendant of Thomas Harrison, who was settled in Branford, New Haven co., Conn., in 1626, was born in Branford, New Haven co., Conn., April 19th, 1811. He studied medicine at York med. school, graduated in March, 1836, and located himself first at Milford, Conn., and finally at Wallingford. During 1846 and 1847 he visited Europe, spending most of his time in the medical schools there. He is a member of the Conn. med. soc., of the co. med. soc., and of the Am. med. asso., also of the Am.

asso. for the advancement of science. He was president of the co. soc. During the war he was surgeon of the 1st Independent battalion, N. Y. vols. In June, 1837, he married Susan Lewis; she died in 1839. In June, 1868, he married V. V. Abell.

HOLMES, GAMALIEL WYATT, Rome, Ga., son of Ichabod Holmes and Maria (Brooks) Holmes, of Ga., was born in Wilks co., Ga., Jan. 19th, 1824. His medical studies were pursued at the univ. of Ga., whence he graduated M. D. in 1849, locating himself first in Blakely, Ga., in 1845, removing to Rome in 1868. He is a member of the Floyd co. med. soc., of the med. asso. of Ga., was president of the latter in 1872. Since 1873 he has held the position of prof. of principles and practice of medicine in the Atlanta med. coll. During the civil war he was three years in the medical service of the Confederate States army; was a member of the State senate in 1853, and member of the State board of health in 1874. In 1846 he married Elizabeth Hutchins, of Blakely, Ga. She died in 1857. In 1860 he married Virginia, daughter of William H. Wade, Esq., of the same place.

TAYLOR, ISAAC E., New York, son of William and Mary Taylor, natives of Cambridge, England, who settled in Philadelphia in 1797, was born in Philadelphia, April 25th, 1812. He was educated at a private boarding school near the city, and at Rutgers coll., N. Y., graduating from this institution in 1830. During his stay at Rutgers he was suspended for playing billiards, and during his suspension he attended lectures on anatomy, chemistry and midwifery, and after graduating A. B. entered the office of Samuel L. Southard, Esq., of Trenton, N. J., where he read law for two years, and then in 1832 entered the office of his brother, Dr. Othniel H. Taylor. He graduated at the univ. of Pa., M. D., in 1834. In 1835 he entered into mercantile business with his father-in-law, Stuart Mollan, of New York, but returned to his profession in 1839, in the city of New York. In 1840 he visited Paris and entered the office of Prof. Cazeaux, studying his specialties of obstetrics and diseases of women and children; he also travelled extensively, attending hospitals and other places of interest. He returned in 1841, and associated himself with the city, eastern, northern and Demilt dispensaries as attending physician, having charge, in each, of the diseases of females for seven years. In 1851 he was elected phys. to Bellevue hosp., and immediately after commenced that series of improvements and reforms which brought about that renovation in the government, economy, and police of its system, resulting in changes eminently beneficial and increasing the utility of the institution, in the uniting of the entire med. dep't of their government under one med. organization, and embracing Bellevue hosp., the penitentiary, almshouse, workhouse, island hosp. and small-pox hosp., and excepting only Randall's island and the lunatic asylum; and established the Bellevue hosp., med. coll., in connection with the Bellevue hosp., with the addition of an outdoor department. He is a permanent member of the Am. med. asso., permanent member of the New York State med. soc., and member of the New York co. med. soc., was its president in 1865, and vice-president in 1864 and 1877; fellow of the New York acad. of medicine, vice-president in 1867 and 1868, and trustee, elected in 1872, for ten years; president of the obstetrical section of the acad. of medicine, 1856, 1876 and 1877, and of the New York Journal asso., of which he was also the founder, 1868 and 1869; vice-president of the American gynæcological soc., corres. member of the obstet. socs. of Berlin, Boston, Philadelphia, Knoxville, Tenn., etc.; honorary member of the med. soc. of Christiana, Norway, etc. He is the author and editor among others of the following: in 1839, he, with Dr. James A. Washington, introduced to the American profession the hypodermic method of treatment by morphia, strychnine, etc., in the New York dispensary, sixteen years previous to Dr. Andrew Wood, of Edinburgh (see Bartholow, 1873); "Cases of Diseases Peculiar to Females and Nervous Diseases," etc., *New York Journal of Medicine and Surgery*, Jan., 1841; "Dr. Evory Kennedy's Work on Auscultation," 1843; "On the Use of Liquor Hydriodate of Arsenic and Mercury in Cutaneous and Uterine Diseases," *American Journal of Medical Sciences*, April, 1843; "Rheumatism of the Uterus and Ovaries," *ibid.*, July, 1845; "Report on Cases of Aphonia and Syphilitic Ulceration of the Larynx treated with Sponge Probang and Nitrate of Silver," *New York Journal of Collateral Sciences*, 1845; "Protrusion of the Eye," *New York Medical Times*, June, 1845, and Dec., 1852; "Syphilitic Mucous Tubercles and Secondary Syphilitic Affections of the Os-Uteri," etc., *New York Journal of Medicine*, May, 1853; "Sunburnt Appearance of the Skin," etc., *ibid.*, Sept., 1856; "Regurgitation of Stomach," *ibid.*, Nov., 1856; "Labor with Anteversion of Uterus in that State," *New York Medical Times*, Sept., 1856; "Recto-Vaginal Fistula Cured by a New Operation," *ibid.*, 1856; "Non-Shortening of the Supra

and Infra-Vaginal Portion of Cervix Uteri," etc., *American Medical Times*, June, 1862; "Procidentia Uteri of Fifteen Years Cured by simply Reinverting the Everted Cervix Uteri," etc., *New York State Medical Transactions*, 1864; "Placenta Prævia," *ibid.*, 1865; "Recto-Vaginal and Recto-Labial Fistula," *ibid.*, 1865; "Mechanism of Spontaneous Action of Uterine Inversion," etc., read before the academy of medicine, April, 1872; "Physiological Lengthening of the Cervix Uteri, Before, During and After Labor," read before the New York journal association, Feb., 1875; "Treatment in Cases of Contracted Pelvis during Labor," read before the academy of medicine, Sept., 1875; "Is Craniotomy, Cephalotripsy or Cranioclasm preferable to the Cæsarean Section in Pelvis?" etc., *ibid.*, March, 1876. He was president in 1861 of the Bellevue hosp. med. coll., and was elected emeritus professor of diseases of women and children therein in 1867. He held the position of physician to Bellevue hosp. from 1852 to 1876, was its consulting physician in 1876; was president of its medical board from 1868 to 1874; consulting physician to Charity hosp. in 1872, president of its medical board from 1861 to 1863, and attending physician from 1860 to 1872; consulting physician to the infants' hosp., Blackwell's island, from 1868 to 1876, and president of its board for 1870; president of the bureau of the consulting board of med. and surg. relief, Bellevue hosp., from 1866, and consulting physician to same; consulting physician to the N. Y. State women's hosp., the women's infirmary and examiner on obstetrics; and physician to the maternity hosp., Blackwell's island. During Dr. Taylor's career he has been noted for the kindly feeling and sympathy which by his manner he has caused to exist between himself and his patients, the students who have been under him, and the profession. The former has shown itself in expressions from them, and the second was especially noticeable at a dinner given to Dr. Taylor by the profession previous to his departure for Europe in 1872.

FAIRCHILD, BENJAMIN, Milton, Vt., son of Joel Fairchild, was born at Georgia, Vt., August 12th, 1804. Having received his preparatory education at the acad. of St. Albans, he entered the med. dep't of the univ. of Vt., and in Dec., 1829, received from that institution his degree of M. D. On the 11th of Feb., 1830, he began his professional career at Milton, and during the ensuing forty years was engaged in an active general practice; dealing with almost every form of disease, and performing many capital surgical operations. Of late years his practice has been restricted to consultations, and to the families of some few of his old friends. He is member of the med. soc. of the univ. of Vt.; of the Vt. State med. soc., and of the Chittenden co. med. soc., having served as president of the last named for two years. In 1845–46 he was a member of the State legislature; was town clerk of Milton for a number of years, and for some years has filled his present position of magistrate. He married, Oct. 6th, 1830, Sarah A. Sisco, who died Aug. 13th, 1846. He married, Feb. 17th, 1852, Mrs. Charlotte A. Wolcott.

BETHEL, JOHN P., Philadelphia, was born in that city, March 18th, 1818. He studied medicine in the med. dep't of the univ. of Pa., and graduated M. D. in 1838. He settled in Philadelphia in general practice. He is a member of the Union med. asso. In the *American Journal of Medical Sciences*, 1853, he published a description of a new obstetric forceps, constructed on philosophical principles, now well known as Bethel's modification of Davis's forceps. He is phys. to the city hosp., Philadelphia, and has held the position of surg. in charge of the U. S. forces at Fort Macomb, Ga.

CROWELL, ELISHA, Philadelphia, Pa., was born in that city, Nov. 10th, 1828. He was educated at the West Chester acad., at West Chester, Chester co., Pa., and at Princeton coll., and studied medicine at the univ. of Pa., and at Blockley almshouse, Philadelphia, graduating M. D. in 1851, and settling in West Philadelphia. He was resident phys. of Blockley from 1851 to 1853, and during the war visiting phys. to Satterlee hosp. and U. S. army contract surg.

DOWNES, CHARLES SQUIRES, Nottingham, N. H., son of Wentworth and Mary (Squires) Downes, was born in Wentworth, N. H., April 9th, 1813. Having read medicine successively under Drs. Edward Mattocks and Israel Hinckley, and having duly attended lectures in the Vt. med. school and in Castleton med. coll., he received from the latter institution, in June, 1844, his degree of M. D. In the same year he established himself in Topsham, Vt., whence after several changes he removed to Nottingham, his present location. Of his more important cases may be mentioned complete displacement, forward and upward, of the tibia and fibula upon the femur, successfully treated (reported by Hamilton), and successful treatment of knee-joint laid open by circular saw. He is a member of the Rock-

ingham co. med. soc.; of the Moosehillock med. asso.; of the N. H. med. soc.; of the Vt. med. soc., and of the Am. med. asso. Since 1852 he has been surg. to the 11th reg. Vt. militia, and since 1842 justice of the peace for Orange co., Vt. He married, May 4th, 1854, Martha Ann, daughter of ex-U. S. Senator Joseph Cilley, of Nottingham, N. H.

PORTER, WILFRED W., Geddes, Onondaga co. N. Y., son of Elliot Porter and Sidney (Ward) Porter, grandson on his mother's side of Judge Ward, of Poultney, Rutland co., Vt., and a soldier in the revolutionary war, was born in Fayston, Washington co., Vt., July 24th, 1826. He was educated at the Montpelier and Bakersfield academies, Vt., and studied medicine at Woodstock, Vt., in 1850, and at Castleton, Vt., graduating M. D. at the latter in 1851. He settled at Geddes in 1852, practising his profession and acting as principal of the public school for one year. He has been connected with public schools of the village of Geddes either as teacher, superintendent, trustee and president of the board of education for twenty-five years. He is a member of the Onondaga co. med. soc., was its president in 1870, of the Central New York med. asso., the N. Y. State med. soc., and the Am. med. asso. He is trustee of the Syracuse univ., and prof. of obstet. and gynæcol. in the coll. of med. of Syracuse univ. He was also president of the Onondaga Bible soc. in 1869. In Nov., 1853, he married Jane, daughter of Simeon Draper, Esq., of Geddes.

NEFTEL, WILLIAM BASIL, New York city, born in Riga, Russia, Sept. 22d, 1830. Having received a thorough classical and mathematical education in St. Petersburg, he entered the med. coll. of the univ. of St. Petersburg, and after five years of study of medicine under the celebrated Carl Ernst von Baer (histology, embryology and comparative anatomy), Gruber (anatomy), Pirogoff (pathology and surgery), and other professors, graduated in 1852 with honors. He was appointed physician to the military hosp. of St. Petersburg, and was for two years ass't to Prof. Pirogoff. During the Crimean war he received the appointment of surg. to the Imperial guards, and in 1857 was sent by the government as member of an expedition to central Asia. For his services he was awarded the rank of Aulic councellor (Hofrath), and was sent at the expense of the government to the univs. and hosps. of Germany, France and England. He spent a year and a half at Würzburg, working with Scherer (chemistry), Koelliker and Heinrich Mueller (histology), Foerster (pathological anatomy), and Bamberger (clinical medicine). In Berlin he remained more than two years, working under the special guidance of Virchow, and also with Hoppe-Seyler, Recklinghausen, Traube, Frerichs, Graefe, Langenbeck and others. In 1865 he came to this country, but after a short stay returned to Europe to complete his researches in Virchow's pathological institute, with Conheim, Kühne, and also with Traube, Griesinger and others. In 1868 he settled permanently in New York, his specialty being nervous diseases. He has contributed largely to medical literature, especially in the domain of nervous diseases, electro-therapeutics and electro-surgery. Prominent among these are his researches published in Virchow's archives on the treatment of malignant tumors, discovered by him; in English on nervous diseases of women, galvano-therapeutics, etc.; also on epilepsy and on the galvanic reaction of the optic nervous apparatus published in "Archiv fur Psychiotrie" and "Nerven Krankheiten." He is a member of various American and foreign medical and scientific societies. He married in 1858.

TURNER, SYLVESTER WOOSTER, Chester, Conn., was born in Killingsworth, Conn., March 12th, 1822. His parents were Dr. Rufus Turner and Sarah (Wooster) Turner, his mother being a relative of General Wooster of revolutionary fame. He is a graduate of Yale coll., 1842, and of the Yale med. institution, receiving his degree from the latter in 1846. After practising with his father for two years, he settled in Chester. He is a member of the State and co. med. socs., of the committee of examination from State society for Yale med. institution, and was for seven years clerk and treasurer of Middlesex co. med. soc. from 1860. He was a member of the Conn. legislature in 1865, and has been for twenty-five years acting school visitor and superintendent of schools. In 1848 he married Gertrude Selden, a descendant of John Elliott, the Indian apostle, and of Rufus Griswold, of Conn.

THOMAS, ISAAC, West Chester, Pa., son of Mordecai Thomas and Lydia (Hoopes) Thomas, was born in Chester co., Pa., Sept. 16th, 1797. His literary and classical education was obtained at the West Chester acad.; and his med. studies were pursued in the med. dep't of the univ. of Pa., whence he was graduated M. D., April, 1820. He located himself first in Delaware co., but after about four months went to reside at West Chester, where he finally settled in the general practice of medicine and surgery. He is a mem-

ber of the Chester co. med. soc.; of the Pa. med. soc.; of the Am. med. asso., and hon. member of the Philadelphia med. soc., to which he was elected in 1820. His contributions to medical literature consist among others of a report on a "Case of Opisthotonos and Intussusception," published in the *Medical Recorder*, vol. vi. He has been in the borough council ten years; held the position of trustee of the West Chester academy, till it merged into the Normal school; was director of the West Chester railroad twenty-one years, and its president for three years; director of the National bank of Chester county for thirty-five years, and director of the Gas company for a few years. In March, 1824, he married Ann C., daughter of Charles Miner; she died in 1832. In April, 1835, he married Mary H., daughter of George Brinton, Esq., of West Chester. Since 1858, after making a trip of a few months in Europe, he has discontinued the practice of his profession.

SMITH, GEORGE W., Hollidaysburg, Pa., was born in Huntingdon co., Pa., March 4th, 1834. He was educated at Caswell seminary, Huntingdon co., and studied medicine at the univ. of Pa., graduating from the former A. M. in June, 1856, and from the latter M. D. in 1862. He settled in Hollidaysburg in 1862. He is a member of the Am. med. asso.; of the Pa. State med. soc., and of the Blair co. med. soc., has been its secretary and president several times. He has been ten years physician to the Blair co. almshouse. During the war he entered the service as ass't surg. and remained so till its close. He is now president of the board of examining surg. of the U. S. pension dep't. In 1859 he married Lizzie T., daughter of Hon. S. R. Maccune; she died in 1870. In April, 1874, he married Eliza B., daughter of Hon. Samuel Calvin, of Hollidaysburg, Pa.

BLAND, WILLIAM JOHN, Weston, Lewis co., West Va., son of Thomas and Mary Bland, was born at Kingwood, Va. (now West Virginia), on Nov. 10th, 1816. He completed his education at Louisville, Ky., in 1834. In 1835 he matriculated in the Jefferson med. coll., Philadelphia, Pa., and graduated at the univ. of Louisville, Ky., in 1842. Prior to this, however, he entered the U. S. service as phys. and surg. to the Red river rafting company, and remained from 1837 to 1841. In 1842 he returned to Weston. He was a member of the Va. State med. soc. During the late civil war he was twice elected a member of the State legislature, having previously held the commission of surgeon in the Confederate army, in which he continued until the close of the war, except the time devoted to the legislature He participated in nearly all of the battles in Virginia. In May, 1865, after the surrender of Gen. Lee, he returned to Weston and resumed practice. He is a member of the West Va. med. soc., president in 1870; and a member of the Am. med. asso. He was appointed a delegate to the International med. congress at Philadelphia, in 1876, but did not attend. He was the author of the bill to establish the Trans-Allegheny lunatic asylum for the insane. In 1858, with his associates, he visited many of the hospitals for the insane, located in the Northern and New England States, with the view of selecting a place for the hospital at Weston. The present building is the result of their labors. He has held many minor offices in his native county, such as justice of the peace, school commissioner, etc. In 1858 he married Columbia M. D., daughter of Hon. John G. Jackson, U. S. district judge for the western district of Virginia, and granddaughter of Gov. Meigs, of Ohio.

LONGWORTH, WILLIAM NELSON, Van Wert, Ohio, of English and German parentage, was born in Baltimore co., Md., and studied medicine in the Cleveland med. coll. He settled first in Cannon Centre, Wayne co., O., and afterwards in Van Wert. He has written papers on diphtheria, milk-sickness, etc. He is a member of the Ohio State med. soc., and of the Northwestern med. asso., and of the Van Wert co. med. soc., and has been two years president of the latter. In 1848 he married R. A. Dulin, who died in 1855. In 1856 he married C. Richey, daughter of M. Richey, Esq., of Van Wert co., Ohio.

RUSSELL, IRA, Winchendon, Mass., son of Eliakim Russell and Sarah (Converse) Russell, of English and Huguenot descent, was born in Rindge, N. H., Nov. 9th, 1815. He graduated from Dartmouth coll. in 1841, and from the med. coll. of the univ. of New York M. D. in 1844. He first located himself at Winchendon, removed to Natick in 1853, where he remained till the breaking out of the war of the rebellion; at its close he returned to Natick, remaining there till 1867, when he settled finally at Winchendon He is a member of the Mass. med. soc.; of the Am. med. asso., and of the Worcester north district med. soc., in 1874 and 1875 its president, and has also been councillor of the first-named society for the past four years. His contributions to medi-

cal literature consist in the results of a series of investigations into the diseases and physical peculiarities of the negro race, obtained while in the army, from over six hundred autopsies, made of white and colored soldiers, refugees and "contrabands," carefully noting the condition of all the organs, weighing over four hundred brains, besides lungs, heart, liver, spleen, pancreas and kidneys, and measuring the intestines, published in the "Medical Sanitary and Surgical History of the War," and in "Flint's System of Physiology;" also "Observations and Post-mortem Results in Cerebro-Spinal Meningitis," in the *St. Louis Medical Journal;* "Spurious Vaccination;" "Pleuro-Pneumonia," and "Sequelæ of Measles," in "Medical and Surgical History of the War," etc. In 1861 he was commissioned surg. of the 11th Mass. vols., and in April, 1862, brigade surg. (surg. U. S. vols.), and assigned to duty in Gen. Hooker's division, at Yorktown, subsequently ordered to Baltimore, and organized the Jarvis hosp.; in November following he was ordered to St. Louis in charge of the Dawson hosp.; in December he was appointed med. director, northwestern Arkansas, and in Feb., 1863, he was placed in charge of the general and post hosp. at Benton barracks, St. Louis. In Dec., 1864, he organized the Wilson hosp. at Nashville, where he remained till the close of the war. In 1865 he was brevetted lieut.-colonel for meritorious services. In 1844 he married Rowena Greenwood, of Winchendon. She died in 1875. In Sept., 1876, he married Josephine A., daughter of Joseph Lees, of Winchendon.

THORNE, SAMUEL SPRINGETTE, Toledo, O., was born in Utica, N. Y., Sept. 22d, 1831. He prepared for coll. at the Utica, N. Y., acad., and read medicine under Peleg B. Peckham, M. D., Utica, N. Y., graduating M. D., 1854, at the univ. of the city of New York. Spent the summer of 1854 at the old New York hosp., and in the fall of the same year began the practice of his profession at Milwaukee. While there he was elected president of city and county med. soc.; was attending surg. of the Sisters' hosp. and Protestant orphans' home. In the fall of 1856 he married Fannie P., daughter of P. B. Peckham, M. D., of Utica, N. Y. In 1857 he moved to Lockport, N. Y., practised there three years and served one term as president of Niagara co. med. soc. In 1860 he moved to Toledo, O., and has there remained in active practice, excepting the time spent in the army as surg. of the 130th O. vol. infantry. After the war he was elected and served four years as president of Toledo med. soc.; was vice-president of Ohio State med. soc., 1875–76. He is one of the staff of surg. of St. Vincent's hosp., Toledo, and lecturer on surgery in the Toledo school of medicine. His contributions are reports of cases in medical and surgical practice.

MARTIN, ORAMEL, Worcester, Mass., son of Samuel, and grandson of Col. Isaac Martin, both of Whitingham, Vt., was born in Hoosick, N. Y., July 21st, 1810. Having graduated from the Pittsfield, Mass., med. school in 1833, and at the Castleton, Vt., med. school in 1832, during the ensuing twelve years he was engaged in practice in New Braintree, Mass., then went to Europe and entered the univ. of Paris as a student. In 1845 he returned to America and established himself in Worcester in 1850, where he has since, save during the late war, remained. He is a member and has been for the past twenty years a councillor of the Mass. med. soc.; is a member of the Am. med. asso., and an hon. member of the Vt. med. soc. At present (1877) he is surg. to the city hosp. of Worcester. In April, 1861, he volunteered as surg. to a rifle battalion under Major Devens; was appointed at the end of four months brigade surg., afterwards surg. of vols.; served on Gen. Hunter's staff in 1861, and on General Gordon Granger's staff in 1862; resigned in the latter year, on account of ill health, from active service; was surg. to the board of enrolment to end of the war, and is at present pension examining surg. He married, 1837, Elmina, daughter of Samuel Bordon, Esq., of New Braintree, Mass.; she dying in 1864, he married, 1867, Emma H., daughter of John Houston, Esq., of Manchester, N. H.

FINDLEY, WILLIAM MARTIN, Altoona, Pa., of Scotch-Irish ancestry, was born at Manor Hill, Huntingdon co., Pa., July 6th, 1842. He was educated in the common schools, and at the Hollidaysburg acad. and high school, and studied medicine at the univ. of Pa., graduating M. D. in March, 1867, and settling at Altoona in general practice. He is a member of the Blair co. med. soc.; of the med. soc. of the State of Pa.; of the Am. med. asso.; hon. member of the Cal. State med. soc.; member of the Rocky mountain med. asso., and of the Juniata valley med. asso. He is the author of papers on "Puerperal Eclampsia," read before the Blair co. med. soc., and of "Obstetric Cases in Private Practice," etc., in the *American Journal of Medical Sciences.* During 1862–63 he served in the army of the U. S., and is now examining surg. for pen-

sions. In May, 1872, he married Emma, daughter of Joseph Dysart, Esq., of Altoona, Pennsylvania.

MIDDLETON, WILLIAM D., Davenport, Iowa, was born in Bervie, Kincardineshire, Scotland, April 26th, 1844. He received his literary education at Davenport high school, and his medical education at Bellevue hosp. med. coll., graduating from the latter M. D. in March, 1868, and settling in Davenport. He is a member of the Iowa State med. soc., and of the Scott co. med. soc.; was two years secretary of the latter, and president of it from 1876 to 1877; was elected prof. of physiology and microscopic anatomy in the med. dep't of Iowa State univ. in 1870, and has ever since filled that chair; is visiting phys. to the Mercy hosp. at Davenport, and consulting phys. to the Mercy hosp. at Iowa City; also ass't surg. to the C. R. I. and P. railroad company, and examining surg. for pensions. He married, May, 1871, Sue Y., daughter of George Modunan, Esq., of New York city.

MARMION, WILLIAM V., Washington, D. C., was born at Harper's Ferry, Va., May 27th, 1843. He received his academic course at that place, and collegiate education at Mt. St. Mary's coll., Emmittsburg, Md., where he graduated in 1859. He studied medicine at the univ. of Pa., and also at the univ. of Vienna, graduating M. D. at the former institution in March, 1866. He settled in Washington, D. C., in 1872, making his specialty ophthalmology. He is a member of the med. asso. of the D. of C., and one of the attending surg. to the Children's hosp., having charge of the eye and ear dep't. In 1866 he entered the navy as ass't surg., and resigned as passed ass't surg. in 1871.

BROOKS, MARTIN L., Cleveland, O., of English parentage, was born in Berlin, Conn., Dec. 7th, 1813. He was educated at the med. coll. of O., in Cincinnati, graduating M. D. in 1843, and locating himself first at Patriot, Ind., removing to Cleveland in 1848. He is a member of the Cuyahoga co. med. soc., was its first president. He holds the position of phys. to the U. S. marine hosp. at Cleveland. In 1838 he married Rebecca F., daughter of Thomas Hope, Esq., of Hampton, Va.

BAILEY, WILLIAM, Louisville, Ky., was born in Bridgeport, Ky., Nov. 4th, 1833. He was educated at the Ky. military institute, and pursued his medical studies in the Ky. school of medicine and med. dep't of the univ. of Louisville, Ky. He graduated A. B. in 1853, A. M. in 1854 from the first-named institution, and M. D. from the last two in 1857 and 1864 respectively. He is a member of the coll. of phys. and surg., acad. of med., and obstetrical soc., all of Louisville, Ky.; a member of the State board of med. examiners; of the Ky. State med. soc., and of the Am. med. asso.; an ex-member of the board of health for the city of Louisville, Ky. He was president of the obstetrical soc.; ass't prof. of mathematics in Ky. military institute; for eight years phys. to Blind asylum of the State of Ky.; from 1869 to 1871 prof. of the prin. and prac. of med. in the Ky. school of med., and of the same in hosp. coll. of med., med. dep't of Central univ., since its organization in 1874. He was engaged in the practice of medicine at Shelbyville, Ky., from 1857 to 1862; was surg. of the 9th Ky. cavalry vols., U. S. army, in 1862, and 1863, and in Louisville, Ky., from 1863 to the present time. In Sept., 1859, he married Susan H., daughter of I. M. Owen, Esq., of Shelbyville, Ky.

BAKER, WILLIAM OVERHOLT, Louisville, O., was born in Northampton co., Pa., Dec. 12th, 1827. His ancestry are Anglo-German on his mother's side, and Pennsylvanian on his father's. He was educated at Wadsworth acad., Madison co., O., and attended a course of lectures at the Jefferson med. coll. in Philadelphia in 1852–1853, and also studied in the Charity hosp. of the Cleveland med. coll. in 1864. He received an hon. degree of M. D. from the univ. of Wooster, Feb., 1873. Settled first on the river Styx, Medina co., O., then in Stark co., and lastly in Louisville, O. His practice is general. He is a member of the Northeastern med. asso. of O., and Stark co. med. soc.; has been treasurer and secretary of the latter, and was elected its president in Jan., 1877. He has held the position of med. examiner in various life insurance companies. He married in May, 1866, Rebecca, daughter of Elias Utt, Esq., of Northampton co., Pa.

BALDWIN, LOUIS K., Philadelphia, Pa., was born in New Castle co., Del., March 27th, 1836. He was educated at Newark, Del., and studied medicine at the Jefferson med. coll., Philadelphia, graduating in March, 1862. He was in the U. S. service from that time till 1865, when he settled in regular practice in Philadelphia. He is a member of the Philadelphia co. med. soc., and a fellow of the Philadelphia coll. of phys. He is the author of occasional con-

tributions to medical journals. During the war he was acting ass't surg. at Satterlee hosp., West Philadelphia, and part of the time executive officer of that institution. He was formerly phys. to the Charity hosp., Philadelphia; has served transiently as phys. to the Eastern Penitentiary, and was vaccine phys. during the small-pox epidemic. In Feb., 1865, he married Sallie B. Gray, daughter of Enoch Gray, Esq., of Philadelphia.

CARROLL, WILLIAM, Philadelphia, of Irish parents, was born near the town of Rathmullen, county of Donegal, Ireland, Feb. 24th, 1835. He was educated at Keene academy, Keene, Coshocton co., O., studied medicine at the univ. of Pa., and at the Jefferson med. coll., Philadelphia, graduating from the latter institution M. D. in March, 1863. After serving three and a half years in the U. S. army he settled in Philadelphia in Nov., 1866. He is a member of the Philadelphia co. med. soc. He is the author of a report of the "Cholera Epidemic on Tybee Island in 1866," published in the surgeon-general's report. He entered the army in April, 1863, as acting ass't surg.; was commissioned ass't surg. U. S. vols., May 14th, of the same year; served in the army of the Cumberland till Jan., 1864; in the army of the Potomac till June, 1865, and at Beaufort and Hilton Head, S. C., to Nov., 1866. He was brevetted major U. S. vols. in March, 1865, for faithful and meritorious services, and brevetted lieut.-col. U. S. vols. in Aug., 1866, for faithful services on Tybee island during cholera epidemic.

SAYRE, LEWIS ALBERT, New York, was born in Madison, formerly Bottle Hill, Morris co., N. J., Feb. 29th, 1820. He is the son of Archibald and Martha Sayre, and grandson of Ephraim Sayre, quartermaster on Gen. Washington's staff during the revolutionary war. His education in boyhood was obtained at the Madison academy, and Wantage seminary, Deckertown, Sussex co., N. J. He subsequently graduated at Transylvania univ., in Lexington, Ky. In 1839 he entered the office of Dr. David Green, in New York, graduating in 1842 from the coll. of phys. and surg. in New York. His thesis was on "Spinal Irritation," and was published in the *Western Journal of Medical Science*, edited by Dr. Lunsford P. Yandell, of Louisville, Ky. In 1842 he was appointed prosector of surgery in the coll. of phys. and surg.; this position he held until 1852, when he resigned it, and was appointed emeritus prosector. In 1844 he organized the pathological society; from 1844 to 1866 was hosp. surg. of 1st division N. Y. State militia; was appointed surg. to Bellevue hosp. in 1853, a position which he still retains, and from 1857 to 1871 held a similar position in the charity hosp. He is now consulting surg. of that institution, and also of the Home for Incurables, Westchester co., N. Y. He was one of the original members of the Am. med. asso., of which he has been vice-president; is a member of the N. Y. State med. soc.; the New York co. med. soc.; the New York acad. of medicine; the soc. of neurology (1873); of the medico-legal soc. (1872); hon. member of the New Brunswick med. soc. (1870); of the med. soc. of Norway (1869). In 1872 he was made a knight of the order of Wasa, by the king of Sweden, for his contributions to medical science. Was resident physician to New York city from 1860 until 1866, holding the office under three different administrations, during which time he presented many papers to the board of health on the contagiousness of cholera, and its control by quarantine; prevention of small-pox by compulsory vaccination; sewerage of streets; construction of buildings; ventilation of tenement houses, and various other topics of general hygiene of great practical importance. Was one of the original founders of Bellevue hosp. med. coll., and was appointed at its organization prof. of orthopedic surgery, a position which he still holds. This was the first establishment of such a chair in any institution in this country, but we are happy to see that this good example is now being followed in most of our prominent colleges. His contributions to medical literature have been very numerous, and extend over a wide range of subjects. Among those which he has treated are "Pulmonary Abscess with Pleuritic Effusion, Successfully Treated by Free Incision." It will be seen by the query at the end of this paper, published in the Transactions of the society of alumni of the coll. of phys. and surg. in 1842, that he then pointed out the treatment which has since been proved to be correct, by the valuable paper on Pneumo-Thorax, by Prof. Austin Flint, in No. 3, vol. i., of a series of American clinical lectures. "On Maternal Influence in Producing Naevi Materni and other Deformities," in a work called "Mental and Moral Qualities Transmissible," in 1842; case of "Chorea from Mental Anxiety on Account of a Deformity," cured by removal of the same; cases of "Chronic Abscess in the Cellular Tissue of the Peritoneum;" case of "Spina Bifida, Successful Removal of Tumor by Ligature" (1849). The last case is published in "Parker's Edition of Cooper's Surgery"

"Extensive Recto-Ischial Abscess, with Caries of the Coccyx, Successfully Treated by Removal of the Diseased Bone" (1853); "Exsection of the Head of the Femur" (1854); "Report on Morbus Coxarius" (1860); "On Compulsory Vaccination" (1862); "New Operation for Artificial Hip-Joint" (1863); "Remarkable Case of Deception: A Woman Professing to Secrete Nothing but Charcoal and Stones, all the Natural Functions being Arrested" (1863;) "Croup —Case of Traumatic Hemorrhage following Tracheotomy," arising from the imperfect form of trachial tube used, and some remarks on the treatment of croup by inhalation of steam (1864); "On Mechanical Treatment of Diseased Joints" (1865); "Report on the Contagion of Cholera" (1865); "Report on a Case of Luxation of Head of Femur into Ischiatic Notch," of nine months standing, successfully reduced by manipulation (1866); "Case of Lead Palsy from the Use of a Cosmetic, called Laird's Bloom of Youth" (1869); "On Club-foot" (1869); "On Reflex Paralysis and Inco-ordination from Genital Irritation" (1870); "On New Treatment of Fractured Clavicle" (1871); "Report of Two Cases of Luxation of the Elbow," of fourteen weeks standing, successfully reduced (1871); "Report on Fractures" (1874); "Work on Orthopedic Surgery and Diseases of the Joints" (1876); "Report on Pott's Disease, with a New Method of Treatment by Suspension and Retention by Plaster Paris Bandage," for which a vote of thanks was passed by the association as "marking an era in the history of surgery," read before the Am. med. asso. (1876); also on "Lateral Curvature," before the N. Y. State med. soc. (1876); and on "Hip-Disease," before the International med. congress (1876). In 1877 he visited England, and his stay in that country partook more of the character of an ovation than a simple visit, no American surgeon ever receiving such marked attention from the profession in England as he. He gave a number of demonstrations of the details of his method of treatment of Pott's disease and lateral curvature in many of the various colleges and hospitals of the country, the first being at the Univ. coll. hosp., London. At St. Bartholomew's hospital he delivered a clinical lecture, and shortly after "put up" two cases of Pott's disease, and one of lateral curvature at Guy's hospital before a large number of the profession. One of these cases was a child of eleven years who had never stood, and the worst case, Dr. Sayre said, he had ever seen. In less than half an hour he had the satisfaction of making her walk. On the day following he "put up" four cases at the Royal Orthopedic hosp. At Birmingham, to which city he had been invited by the branch of the British med. asso. located there, he gave a demonstration in the amphitheatre of the Queen's hospital, where he lectured for one hour and applied the plaster jacket to two cases of Pott's disease. An address was made by Mr. West, senior surgeon of the institution, of "hearty thanks and welcome to the great American surgeon." Dr. Furneux Jordan, who seconded the motion, referred in warm and eloquent terms to the work which Dr. Sayre had accomplished, by which the miserable and misshapen would be enabled to be restored to perfect health and perfect form. In his reply, Dr. Sayre, who was at first overcome by the warmth of Dr. Jordan's remarks, responded with such enthusiasm as to electrify the audience, and to call forth immense applause. Dr. Sayre also visited Manchester, and was present at the annual meeting of the British medical association in that place, and where he occupied the position of delegate from the Am. med. asso. He gave two demonstrations before that body, which were received with the warmest admiration, and a unanimous vote of thanks passed; the association adopting, without a single dissenting voice, the views which he had presented. Judging from the reports in the various medical journals, the enthusiasm and excitement at his last demonstration must have surpassed anything that had ever before occurred at a medical convention. During his stay in England he was the recipient of much generous hospitality. Before he left England, by the earnest solicitation of the profession, he published a work on "Spinal Curvature and its Treatment," which has just been issued by Smith, Elder & Co., Waterloo Place, London. He married, Jan. 25th, 1849, Eliza A., daughter of Charles Henry Hall, Esq., of Harlem, N. Y.

CASEY, HENRY R., Waverly Hall, Columbia co., Ga., son of Dr. John Aloysius Casey, a Marylander by birth, an Irishman by extraction, and a citizen of Ga., and of Sallie (Berrien) Casey, sister of John McPherson Berrien, attorney-general of the U. S. under Jackson's administration, was born in Richmond Bath, Richmond co., Ga., Sept. 23d, 1816. His literary education was obtained in Georgia, and Tuscaloosa, Ala., and he studied medicine in the med. coll. of Charleston and Augusta, graduating in March, 1840. He located first in Albany (then Baker), now Dougherty county; afterwards in 1844 he removed to Appling, county site of Columbia county, and in 1856 to Waverly Hall, his present home, five miles distant from the last-named place. He is a member of

Ga. State med. soc., and one of the trustees of the med. coll. of Ga. He has been a frequent contributor to medical journals, having written among other articles the "History of Thirty-three Cases of Malignant Typhoid Fever, with Intermittent Characteristics," published in the *Augusta Medical Journal;* the "Communicability of Mange to Man from the Lower Animals," *ibid.* He was State senator in 1866 and 1867; was a Greeley elector in 1872, and a member of the constitutional convention which met in Atlanta in July, 1877. During the war he was examining surg. for the 29th senatorial district; subsequently on the staff of Gen. H. W. Wayne, as chief surg. and also as med. director; also as med. director on the staff of Gen. G. W. Smith, and finally surg. gen. of the State on the staff of Gov. I. E. Brown. He is the projector, and was president of a contemplated railroad designed to connect Chicago, St. Louis, Cincinnati, Louisville, Knoxville, with the south Atlantic seacoast, with Augusta as its southern terminus, and saving two hundred and fifty miles between the first and last-named cities, over the present route. This line is still being agitated under the name of the August & Knoxville railroad. He married, in 1842, Caroline R. Harriss, daughter of Rev. Josiah Harriss, of Columbia co.; she died in 1856. In 1867 he married Ida May, daughter of Col. L. M. Hill, of Wilkes co.

MAGILL, WILLIAM HAZLETT, Danville, Pa., was born in Hatborough, Montgomery co., Pa., March 24th, 1799. He was educated at the Doylestown acad., Bucks co., Pa., and studied medicine in Baltimore, whence he graduated M. D. in 1820; settling immediately after in Danville in regular practice. He is a member of the Am. med. asso., and Pa. State med. soc. In May, 1828, he married Mary, daughter of the late Gen. Daniel Montgomery, of Danville, Pa.

MITCHELL, JOHN WAITE, Providence, R. I., grandson of Dr. Henry Mitchell and son of John Mitchell and Caroline D. (Foote) Mitchell, of Norwich, was born at Norwich, Chenango co., N. Y., April 6th, 1848. He was educated at Williston seminary, East Hampton, Mass., and studied medicine at Bellevue hosp. med. coll., New York, graduating M. D. from that institution in 1871, and settling in Providence in general practice, after having spent till Oct., 1872, as house surg. to Bellevue hosp. He is a member of the R. I. med. soc., and of the Providence med. asso.; was secretary of the latter in 1873. He was surg. to out-patient dep't of R. I. hosp. in 1873 and 1874, and was elected visiting phys. to the same institution in 1874. He is also secretary to the R. I. hosp. staff asso. In April, 1874, he married Frances E., daughter of George Mason, Esq., of Providence, who died in 1875.

LONGSTRETH, MORRIS, Philadelphia, was born in Philadelphia, Feb. 24th, 1846. He graduated at Haverford coll., Pa., and Harvard univ., Cambridge, Mass., taking the degree of A. M. at the latter institution in 1869; having studied medicine in the med. dep't of the univ. of Pa., graduating M. D. in 1869. He also received a similar degree at Jefferson med. coll., Philadelphia, 1876. He is an active member of the patholog. soc. of Philadelphia. The year he graduated he was appointed resident phys. to Wills ophthalmic hosp., and subsequently, in 1870, to the same office at the Pa. hosp. He subsequently became pathologist to the Pa. hosp., making all the autopsies there, and having charge of the museum of that institution. In 1873 he was appointed phys. of out-patient dep't of the Pa. hosp., and in 1875 lecturer on patholog. anat. in the Jefferson med. coll., and in 1876, pathologist to the Jefferson med. hosp. In Oct., 1871, he married Mary O., daughter of Oliver Hastings, Esq., of Cambridge, Mass.

LITTLE, JOHN, Jr., Tuscaloosa, Ala., of Scotch ancestry, was born in that city, June 19th, 1841. He was educated at the univ. of Ala., and at Oakland coll., Miss., and studied medicine in the med. dep't of the univ. of La., graduating thence M. D. in 1869, and settling in Tuscaloosa. He is secretary of the Tuscaloosa med. soc.; held the position of ass't phys. in the Ala. insane hosp., and was for three years in the Confederate States army.

CULLEN, J. S. DORSEY, Richmond, Va., son of Dr. John Cullen, of Dublin, prof. of practice of medicine in the med. dep't of Hampden Sydney coll., now the med. coll. of Va., of which he was one of the founders, was born in Richmond, July 29th, 1832. He was educated in Virginia and New York, and at the univ. of Va., and graduated in the med. coll. of Va., in 1853, attended the private lectures of Dr. Gerhard, of Philadelphia, on diseases of the chest, and was resident phys. of St. Joseph hosp. in Philadelphia for six months, and of the Philadelphia hosp., Blockley, for two years. He then settled in Richmond, Va., associating himself professionally with Dr. Charles Bell Gibson, till 1861, when he entered the Confederate army. He was soon appointed brigade and division surg. and med. director of

the 1st army (Longstreet's) corps, army of northern Va., which last position he held till the surrender at Appomattox. He is at present surg. and phys. to the city almshouse and hosps. of Richmond; prof. of diseases of women and children in the med. coll. of Virginia; and examiner for the Manhattan and New York life insurance companies, and the Life association of America. In 1856 he married Jennie Maben, daughter of John Maben, Esq., of Richmond, Va.

ALLEN, JOSHUA G., Philadelphia, Pa., was born, April 23d, 1832, in Marple township, Delaware co., Pa., his parents being George B. and Sidney (Jacobs) Allen. His maternal ancestors were English Quakers, who emigrated to this country with William Penn, his father's ancestors being of the same stock, with an intermingling of Huguenot. Having received an academic education at the Quaker school at West Town, Pa., he matriculated at the univ. of Pa., graduating therefrom, with the degree of M. D., in March, 1856, and soon after locating in Philadelphia, where he has succeeded in gaining a large practice, particularly in his specialty of obstetrics and diseases of women. In a case of utter prostration from menorrhagia, combined with malarial poisoning, he performed the first successful operation in this country for transfusion of blood. (Reported in the *Medical and Surgical Reporter*, p. 379, vol. xx., 1869.) He has subsequently performed the operation several times with marked success. In two instances he was successful in treating extra-uterine pregnancy by the galvanic battery. (Reported in the Proceedings of the Philadelphia obstetrical society, p. 87, vol. ii., 1872.) He is one of the original members of the obstet. soc. of Philadelphia, and is a member of the county med. soc. For nineteen years he has been connected with the Philadelphia lying-in charity and nurse school, serving since 1861 as one of the principal physicians and lecturers in that institution. He has been successful as a lecturer upon obstetrics, diseases of women, and nurse training, being able to gather the largest classes of medical students ever known outside the regular college courses, with the exception of a few in dissection and surgical anatomy, formed by Dr. Agnew.

ALLIN, CHARLES MNASON, New York, was born in Providence, R. I., Oct. 30th, 1827. He received his preparatory education at the Connecticut literary institute, Suffield, Conn., and his literary and classical education at Brown univ., in Providence, graduating A. B. in 1847, and received the degree of A. M. in 1850. His medical studies were pursued at the coll. of phys. and surg., New York, whence he received his degree of M. D. in 1851. He spent three years as interne, the last as resident surgeon of the New York hosp., and in May, 1852, located himself in New York; subsequently, in Dec., 1854, he removed to Flushing, Long Island, and in Jan., 1865, finally settled in New York city. He is a member of the Am. ophthal. soc.; of the New York State med., county, med. and surg., its president in 1873–74, widows' and orphans', and patholog. socs.; also of the New York acad. of med.; Medical Journal asso., its president in 1876–77; Physicians' mutual aid asso.; Am. med. asso.; and alumni asso. of the coll. of phys. and surg. of New York, its president in 1874–75. He was also a member of the International congress of ophthalmology. His contributions to medical literature consist of a brochure on "Retro-Pharyngal Abscess," published in 1851, and various other articles, in medical journals. From 1852 to 1855 he was phys. to nursery and child's hosp.; also phys. to Northern dispensary; surg. to New York eye and ear infirmary from 1865 to 1876; consult. surg. to the same from that date; surg. to the Presbyterian hosp. from 1874 to 1876, and to the New York hosp. since 1865. In Jan., 1856, he married Annie E. P. Bogert, daughter of Alexander G. Bogert, Esq., of New York city.

HUNT, WILLIAM, Philadelphia, was born in that city, Sept. 26th, 1825. He was educated at the univ. of Pa., studied medicine in the med. dep't of that institution, and graduated in 1849. He has held the position of demonstrator of anatomy in the univ. of Pa., and surg. of the Episcopal and of Wills' hosps. He is now surg. of the Orthopedic and Pa. hosps. He is a fellow of the coll. of phys. of Philadelphia, and a member of several other medical organizations of that city.

DURGIN, SAMUEL H., Boston, Mass., of American parentage, and Scotch-English ancestry, was born in Parsonsfield, Me., July 26th, 1839. He was educated at Parsonsfield, and at Pittsfield, and New Hampton acads., N. H., and pursued his medical studies at the Dartmouth and Harvard med. schools, graduating M. D. from the latter in July, 1864, and settling in Boston, in general practice. He is a member of the Mass. med. soc., of the Boston soc. for med. observation, and of the Am. public health asso. From 1867 to 1873 he held the position of port phys. of Boston, and during the

same years was res. phys. at Deer island institutions; he has also been a member of the Boston board of health since Jan., 1873, and chairman of the board since May, 1876. During the war he was ass't surg. to the 1st Mass. cavalry—July, 1864, to June, 1865. In Nov., 1875, he married Mary B., daughter of George F. Davis, Esq., of New Bedford, Mass.

DUVAL, ELIAS R., Fort Smith, Arkansas, of French extraction, was born at Fort Smith, Aug. 13th, 1836, graduating M. D. from the Pa. med. coll. in March, 1858. He was appointed in the same year an acting ass't surg. in the U. S. army; served in New Mexico with Lieut. Steele's command; resigned his commission in March, 1859, and in the ensuing June established himself in private practice in Fort Smith. He is a member of the Fort Smith med. soc., president in 1870; of the Sebastian co. med. soc., president in 1872, and of the Arkansas State med. soc., president in 1873–74. He has also held various offices in the local government. Among his published writings may be mentioned papers upon "Bucnemia Tropica," in *Louisville Medical Journal;* "Malarial Hæmorrhagic Fever," *ibid.;* "Influenza," *ibid.;* and "Cerebro-Spinal Fever," in Arkansas med. asso. Transactions. In 1861 he was appointed an ass't surg. in the Confederate States army; was promoted to be surgeon in the same year; to be chief surgeon of division in Aug., 1862, and to be med. director in March, 1863. He married, May 8th, 1860, Medora, daughter of Dr. J. A. Dibrell, of Van Buren, Ark.

ETHERIDGE, JAMES HENRY, Chicago, Ill., of American parentage and English ancestry, was born in St. Johnsville, Montgomery co., N. Y., March 20th, 1844. His medical education was obtained in the Rush med. coll., Chicago, whence he graduated, in Feb., 1869, settling at Evanston, Chicago. He is a member of the Chicago soc. of phys. and surg.; an associate editor of the *Chicago Medical Journal and Examiner;* a member of the Chicago med. soc., of the Chicago medico-historical soc., of the Chicago med. press asso., is its secretary, of the Illinois State med. soc.; and is secretary of the section of materia medica and physiology in the Am. med. asso. He is prof. of materia medica, therapeutics, and medical jurisprudence in Rush med. coll.; has held this position since 1871; is now secretary of Rush med. coll. In June, 1870, he married Harriet Elizabeth Powers, daughter of Herman G. Powers, Esq., of Evanston, Chicago, and went to Europe, spending several months in travel and in studying in London. Upon his return he settled in Chicago, in August, 1871, where he has since remained.

BIXBY, GEORGE HOLMES, Boston, was born in Dutch Guiana, South America, Nov. 2d, 1837, of American parents. He was educated at Williams' coll., Mass., and studied medicine in the med. dep't of Dartmouth coll., N. H., and also in Vienna, Paris, and London. He graduated M. D. in 1858. In 1866 he located himself in St. Louis, Mo.; in 1868 he removed to Boston. His practice is general, but his specialty is gynæcology. He is a member of the Am. med. asso., and of the Am. gynæcolog., Mass. med., and Boston obstet. socs.; of the Boston soc. for med. observation; and corresponding member of the St. Louis med. soc. He has contributed, among others, articles on "Ovariotomy" to the *Boston Medical and Surgical Journal*, Dec., 1872; "Medullary Cancer of both Ovaries," *ibid.*, March, 1874; "Fibro-cystic Disease of the Uterus," *ibid.*, Aug., 1874; "New Instrument for Drainage," *ibid.*, Nov., 1875. He has held the position of acting ass't surg. U. S. navy; and was senior med. officer of the U. S. naval hosp. ship, Mississippi squadron, from 1862 to 1865. He is now surg. of St. Elizabeth's hosp. for women, Boston.

ALLEN, DUDLEY, Oberlin, O., son of Dr. Peter Allen, of Kinsman, O., was born in Kinsman, Trumbull co., O., June 27th, 1814. He graduated at Western reserve coll., Hudson, O., and studied medicine in Jefferson med. coll., graduating M. D. in 1837. He practised in Kinsman until 1865, where he succeeded in building up a large business as physician and surgeon. In 1865, on account of impaired health, he removed to Oberlin. He is a member of the De La Mater med. asso., of the Ohio State med. soc., and of the Am. med. asso. He married, in May, 1837, Janet France; she died in 1862; in 1865 he married Mrs. Catharine Gilkey, both daughters of William France, Esq., of Poland, O. He has one daughter, Mrs. Solon Severance, of Cleveland, O., and one son, Dudley Peter Allen, now a student in Harvard med. coll., Boston.

DUNTON, WILLIAM RUSH, Philadelphia, born in that city, March 10th, 1831. He was educated at the univ. of Pa., both in the department of arts and of medicine, graduating in medicine in 1853. After serving as res. phys. at the Philadelphia dispensary, and at the Pa. hosp., and two years' study in Europe, he commenced practice in

Philadelphia, and became one of the phys. to the children's hosp. In 1863 he removed to Germantown, where he served as acting ass't surg. at the Cuyler U. S. A. hosp. during the war of the rebellion. He is a member of the coll. of phys., patholog. and obstet. socs. of Philadelphia, and one of the consulting phys. to the Germantown hosp.

HAMLIN, AUGUSTUS CHOATE, Bangor, Me., of English ancestry and Norman descent, was born in Columbia, Me., Aug. 28th, 1829. He was educated at Bowdoin coll., from which he graduated in 1851, and studied medicine at the Harvard med. coll., graduating M. D. in 1854, and settled in Bangor, in general practice. He is a member of the Maine med. asso.; of the Penobscot med. asso.; of the Royal antiquarians of northern Europe; of the acad. of nat. sciences, Philadelphia; fellow of the Am. asso. for the advancement of science, etc. His contributions to medical literature consist of articles on "Alimentation," 1873; "Transfusion," 1874; "Transmission of Diseases," 1874; "Tetanus," 1866, etc., etc. During the war he was surg. of a hosp. for volunteers connected with the army of northern Virginia; brig.-surg. under Fremont; med. direc. 11th army corps, army of the Potomac; med. inspector U. S. army during the campaign at Fort Wagner, of Nashville, etc. At the present time mayor of Bangor. He married in Dec., 1858, Helen A., daughter of Judge Jonas Cutting, of the supreme bench of Maine.

HUN, EDWARD REYNOLDS, Albany, N. Y., son of Dr. Thomas Hun, of Albany, N. Y., was born in Albany, N. Y., April 17th, 1842. He was educated at the Albany acad.; at Churchill's school, at Sing Sing; at Dummer acad., Byfield, Mass.; and at Harvard coll. (class of 1863), and studied medicine in the Albany med. coll., and in the med. dep't of the Columbia univ., New York, where he graduated, 1866. Subsequently he visited Europe and continued his studies in London and Paris. On his return he settled in Albany, and engaged in general practice. He was elected a member of the Albany med. soc. in 1867; of the Am. med. asso. in 1870; and of the med. soc. of the State of New York in 1873; was its secretary in 1875; of the New York soc. of neurology and electrology in 1873; of the New York neurological soc. in 1874; and of the Am. neurological soc. in 1876. In 1875 he was elected to the chair of prof. of nervous diseases in the Albany med. coll. He translated Bouchard's "Secondary Degenerations of the Spinal Cord," 1869, and is the author of "Trichina-Spiralis," in 1869; "Pulse of the Insane," 1870; "Hæmatoma Auris," 1870; and various contributions to medical journals. Since 1869 he has held the position of attending phys. of St. Peter's hosp., and since 1876 that of phys. to the Albany hosp. He was also special pathologist to the New York State lunatic asylum at Utica. In April, 1874, he married Caroline de Forrest, daughter of Mr. Gale, of Troy, N. Y

HILDRETH, EUGENIUS AUGUSTUS, Wheeling, W. Va., son of Ezekiel Hildreth, formerly of Sterling, Mass., and of Sally (Zane) Hildreth, daughter of Jonathan Zane, the first settler in Wheeling, was born in Wheeling, Sept. 13th, 1821. He was educated at Wheeling institute; at Kenyon coll., Gambia, O., and studied medicine in the med. coll. of Ohio at Cincinnati, graduating in March, 1844. After graduation he was resident phys. of the commercial hosp. and lunatic asylum of Ohio for one year, and then settled in Wheeling in active practice, principally obstetrical. He was a member of the med. soc. of Cincinnati; of the Wheeling med. soc.; its president in 1875; first vice-president, acting president in 1870; and president in 1876 and 1877 of the med. soc. of the State of West Virginia; of the Am. med. asso.; has been on some of its important committees; and hon. member of the med. soc. of the State of California; Rocky Mountain soc., etc. His contributions to medical literature consist, among others, of "Reports of Cases in the Commercial Hospital," *Lancet*, 1844; "On the Use of Ice within the Uterus for Post-partum Hemorrhage," *ibid.*, 1850; "Climatology, Epidemic Diseases of West Virginia," Transactions Am. med. asso., 1868–72; "Medical Botany West Virginia," Transactions med. soc. State W. Va., 1873–74; "Meteorology and Epidemic Diseases of Ohio County," Transactions of the State med. soc., 1869–70; "Biographies of the Physicians of Wheeling for the last Hundred Years," *ibid.*, 1876; various addresses, etc., etc. In April, 1851, he married Susan L., daughter of Benjamin McMechin, Esq., of Marshall co., W. Va.

HALDEMAN, GEORGE WASHINGTON, Paola, Miami co., Kan., of American parentage and of Irish and German descent, was born near Centre Post-Office, Perry co., Pa., July 11th, 1830. He was educated at Mechanicsburg, Pa., and read medicine under the late Dr. Ira Day, of that place, and attended lectures at the Jefferson med. coll., Philadelphia, receiving the degree of M. D. in March, 1854. He first

located at Newville, Pa., and from thence moved to Paola, Kan., in 1870, where he is now engaged in general practice, in which he has performed successfully some of the more important surgical operations, as amputations of the thigh, etc., removal of the mammary gland, closure of vesico-vaginal fistula (Sim's method), resection of more than half of the lower jaw, etc., etc. An account of the latter operation, two years after it was performed, was published in the *Medical and Surgical Reporter*, for April, 1876. Was one of the original members of the Cumberland co., Pa., med. soc., and afterward a member of the State soc., its vice-president in 1867; is now a member of the Miami county and also of the Kansas State med. socs.; was member of board of education in Newville, and holds the same position in Paola. During the late war he was chairman of the local sanitary commission's committee; also acted in the capacity of surgeon in emergencies when called upon by the secretary of war or the governor. He is now and has been for several years a U. S. pension examining surgeon. In Nov., 1855, he married Annie, daughter of Jacob Wogan, Esq., of York co., Pa.

HAY, GUSTAVUS, Boston, Mass., was born in Boston, May 11th, 1830. He graduated from Harvard univ. in 1850, settling in Boston in general practice in 1859, but giving subsequently his special attention to ophthalmology. He is a member of the Massachusetts med. soc.

HEUSTIS, JAMES FOUNTAIN, Mobile, Ala., was born, Nov. 15th, 1829, at Cahaba, Dallas co., Ala. He is the son of Dr. J. W. Heustis. After a preliminary education in the Mobile common schools, he entered the med. dep't of the univ. of Louisiana, graduating therefrom March 10th, 1848. Entering the U. S. navy as an ass't surg. in Sept., 1850, he was made passed ass't surg. in March, 1856, and resigned from the service in July, 1857, to enter upon the private practice of his profession at Mobile, where he has since remained. He has successfully performed almost every great operation in surgery, including cases of ovariotomy, vesico-vaginal fistula, urethro-vaginal fistula, lithotomy, tracheotomy, plastic operations, etc. At the organization of the med. coll. of Alabama, he was elected prof. of anatomy, and after the late war was called to the chair of surgery in the same institution. He has held the positions of vice-president and secretary of the Mobile med. soc., vice-president of the Alabama State med. asso., and membership in the Am. med. asso., but at present is connected only with the first. During the late civil war he served as surg. and med. director in the Confederate army. He was married, April 2d, 1856, to Anna M., daughter of A. E. Watson, purser U. S. navy, who died in Aug., 1860. On Feb. 2d, 1865, he was married to Rachael, daughter of J. C. Lyons, of Columbia, S. C.

JOHNSTON, WILLIAM W., Washington, D. C., son of the late Dr. William P. Johnston, was born at Washington, Dec. 28th, 1843. Having graduated M. D. from the univ. of Pennsylvania in March, 1865, he was for one year resident in Bellevue hosp., New York, and for six months in the Charity hosp. and other institutions on Blackwell's island. He then went to Edinburgh; was clinical ass't to Prof. I. Hughes Bennett, and also ass't to Dr. T. Grainger Stewart, pathologist to the Royal infirmary. Afterwards he pursued his professional studies in Paris, and in 1868 returned to Washington and established himself in practice. He is a member of the Royal med. soc. of Edinburgh, of the med. soc. of the District of Columbia, was secretary of the latter in 1870; and is a member of the philosophical soc. of Washington. Since 1871 he has been prof. of the theory and practice of medicine in the med. dep't of the Columbian univ., and attending phys. to the children's hosp. since its foundation in 1871.

JONES, SAMUEL J., Chicago, Ill., son of Dr. Robert H. Jones and Sarah M. Jones, was born in Bainbridge, Lancaster co., Pa., March 22d, 1836. He was educated in Dickinson coll., Carlisle, Pa., whence he graduated in 1857, and studied medicine in the med. dep't of the univ. of Pennsylvania, receiving from it his degree of M. D. in 1860. From that date till 1868 he served in the U. S. navy, and since 1868 has practised in Chicago, making specialties of ophthalmology and otology. He is a member of the Am. med. asso., and of the Illinois State med., the Am., and the International ophthalmolog. and otolog. socs. He is prof. of ophthalmology and otology in the Chicago med. coll., and surg. to the Illinois charitable eye and ear infirmary. During the time he was in the U. S. navy he held the position of ass't surg. for three years and surg. for five.

GILLETT, BUCKLAND, Franklin, Venango co., Pa., of New England parentage, was born at Broome, Schoharie co., N. Y., Sept. 18th, 1807. He was educated at Fredonia acad., and studied medicine with

Dr. S. White, of that place. He was regularly licensed by the Chautauqua co. med. soc., according to the laws of the State of New York then in force, and subsequently attended lectures at Harvard coll. He located himself first at Titusville, Crawford co., Pa., in 1829, and removed to Franklin, Venango co., in 1834. He is a member of the Chautauqua co. med. soc., and of the Venango co. med. soc., was its first president; of the Pennsylvania State med. soc., its first vice-president in 1871; and of the Am. med. asso.

BEARDSLEY, CHARLES EDWIN, Ottawa, Ohio, of Connecticut parents, was born at Newark, Licking co., Ohio, Oct. 14th, 1834. His literary and classical education was obtained at Westbedford, Ohio, and he studied medicine at Ann Arbor, Mich., whence he graduated M. D. in March, 1863, settling in Ottawa in general practice, during which he has several times successfully operated on the hip-joint, and once removed the os pubis, the body and the left ramus, with a perfect recovery. He is a member of the Ohio State med. soc., of the Northwest med. soc., and of the Putnam med. soc., and is president of the last. Was elected as a delegate to the International med. congress, held in Philadelphia, 1876, from his State soc. He has contributed various articles on operative surgery, and on the practice of medicine, to the various medical journals. During the war he served as private and as army hosp. phys. He married, March 5th, 1862, the daughter of Governor Davenport, of Ottawa, Ohio.

CASTLE, FREDERICK A., New York, whose ancestors were residents of Massachusetts and Connecticut, was born at Fabiers, Onondaga co., N. Y., April 29th, 1842. He had a common-school education at his native place in Onondaga valley, and at Rochester, N. Y., and studied medicine at the Albany med. coll., and at Bellevue hosp. med. coll., New York city, graduating M. D. at the latter, 1866; and located himself first at Lake Mahopac, Westchester co., N. Y., and afterwards in New York city. He is a member of the med. soc. of the co. of New York, elected 1867, and has been corres. sec. for five years, and member of the N. Y. patholog. soc. He is editor of *New Remedies*, a monthly illustrated, published by William Wood & Co., of New York. Formerly he held the position of house phys. to the Charity hosp., senior ass't phys. hosp. for epileptics and paralytics, resident phys. of the infant hosp., and visiting phys. to the nursery hosp. and idiot asylum. During 1862 and 1863, he was med. cadet, U. S. army, at the Carver gen'l hosp., Washington. From 1863 to the close of the war he was acting ass't surg., U. S. navy, in service on U. S. steamer "Gen. Bragg," attached to the lower Miss. squadron. He is exam. phys. for Provident life and trust co., of Philadelphia, New York branch, and has for a number of years been clin. ass't to the chair of obstetrics and diseases of women and children in Bellevue hosp. med. coll.

BROMWELL, ROBERT EVANS, Port Deposit, Md., son of William and Eliza (Coulson) Bromwell, was born near Port Deposit, in Cecil co., Md., Feb. 28th, 1827. Having received an academic education, he entered the med. dep't of the univ. of Md., and was graduated thence M. D. in March, 1850. In the same year he established himself near Port Deposit, and has been steadily engaged in a general practice during the past twenty-seven years. He is a member of the med. soc. of Oxford, Chester co., Pa. He was appointed a member of the medical board of examiners for the county of Cecil, under an act of the legislature of Md. passed in 1867, entitled "An act for the protection of the public against medical impostors," etc. He married, Oct. 17th, 1860, Josephine, daughter of Levi H. Evans, Esq., of Cecil co., Md.

JEPSON, SAMUEL L., Wheeling, West Va., was born at St. Clairsville, Belmont co., Ohio, April 7th, 1842, of English parentage. He graduated in 1862, at Washington coll., Pa., and received the degree of A. M. from Washington and Jefferson coll., Pa. He studied medicine in the med. coll. of Ohio, and graduated M. D. from that institution in 1868, afterwards serving one year as resident phys. in the Cincinnati hosp., and then settled in Wheeling. He is a member of the med. soc. of the State of West Va., and has held important positions on many of its principal committees, of the Am. public health asso., and of the med. soc. of the city of Wheeling and county of Ohio, of which he was secretary from 1871 to 1876. His contributions to professional literature consist of articles, papers, etc., on "Duality of the Chancrous Virus," *New York Medical Journal*, Sept., 1871; "Treatment of Bursæ," *New York Medical Record*, Oct., 1871; "Sudden Death in Puerperal Case," *American Journal of Obstetrics*, Aug., 1872; "New Remedies," Transactions State med. soc., 1873; "Cholera in Wheeling," *Public Health Papers*, vol. I; "Epidemics of Wheeling," 1875, "Origin and Propagation of Typhoid Fever," *West Virginia Medical Student*, March, 1876; and "Relation of

Ovulation to Menstruation," Transactions of State med. soc., 1877. He has held the position of health officer of Wheeling since 1873, his third term of office expiring in 1879. In September, 1871, he married H. Belle, daughter of Rev. Andrew Scott, of Jefferson co., Ohio.

CHEW, SAMUEL CLAGGETT, Baltimore, Md., son of Dr. Samuel Chew, prof. of mat. med. in the univ. of Md. from 1841 to 1852, and of prin. and prac. of med. from 1852 to 1863, was born in Baltimore, July 26th, 1837. He graduated at Princeton in 1856, and received his degree of A. M. in 1859. Studied medicine in the univ. of Md., and took his degree of M. D. in 1858, settling in regular practice in Baltimore, where he has since resided, except during a visit to Europe in 1864. He is a member of the Am. med. asso., of the Baltimore acad. of med., and of the clin. soc. of Baltimore, and was first vice-president of the med. and chirurg. faculty of Md. He is the author of "Clinical Lectures on certain Diseases of the Heart, and on Jaundice," in the *Baltimore Medical Journal*, 1871; "Papers on Medical Jurisprudence," in the *Richmond and Louisville Medical Journal*, for 1872, and in *New York Medical Record*, for 1873; "Notes on Thoracentesis," published in 1873, and a paper on the same subject, in *New York Medical Record*, for 1876. Since 1864 he has been prof. of mat. med., therap. and clin. med. in the univ. of Md.

BURDICK, JOHN F., Oakland, Cal., son of Rev. James Ross Burdick and Anna Maria (Babcock), of English extraction, was born in Forest City, N. Y., Sept. 25th, 1849. He was educated at Cornell univ., Ithaca, N. Y., and pursued his medical studies in the med. dep't of the univ. of Mich., graduating M. D. in March, 1872, locating himself first in Ithaca, but removing to Oakland in 1876. He is a member of the Tompkins co. med. soc., N. Y., of the Alameda co. med. asso., and of the Ann Arbor alumni asso. of the Pacific coast. Was vice-president of the first named in 1876. He is also hon. member of the natural history soc. of Cornell univ.

CHAPMAN, HENRY C., Philadelphia, son of Lieut. George W. Chapman, U. S. navy, grandson of Dr. Nathaniel Chapman, formerly prof. in the univ. of Pa., was born in Philadelphia, Aug. 17th, 1845. He was educated at the univ. of Pa., graduating from the med. dep't of that institution in 1867. After spending three years in Europe he returned to this country, and settled in Philadelphia. He is a member of the acad. of nat. sciences, and of the Am. phil. soc. of Philadelphia, is also curator of the former. He also holds the position of prosector of the zoöl. soc. He is the author of "Evolution of Life," and of various papers in the Proceedings of the acad. of nat. sciences and in the *Medical Times*. He was for some time lecturer on anat. and physiol. at the univ. of Pa. In 1877 he was appointed lecturer on the physiol. of the nervous system in the Jefferson med. coll. He is physician of the coroner of the city of Philadelphia. In Dec., 1876, he married Hannah Naegle, daughter of Samuel Megargee, Esq., of Philadelphia.

GOODELL, WILLIAM, Philadelphia, son of Rev. William Goodell, D. D., missionary to Turkey, was born on the island of Malta, Oct. 17th, 1829. He was graduated at Williams coll., Mass., 1851, and studied medicine at Jefferson med. coll., graduating in 1854. He practised his profession first at Constantinople, Turkey, and remained there till 1861, when, on account of the unsettled condition of political affairs, he removed to West Chester, Pa. In 1865 he was appointed phys. in charge of the Preston retreat, and came to Philadelphia, making a specialty of obstetrics and diseases of women. He is now vice-president of the Am. gynæcol. soc., was president of the obstet. soc. of Philadelphia in 1873 and 1874, and of the county med. soc. of Philadelphia in 1875, member of the coll. of phys. of Philadelphia, corres. member of the Boston gynæcol. soc., of the London obstet. soc., of the Imperial med. soc. of Constantinople; member of the Am. phil. soc. and pathol. soc. of Philadelphia. He is prof. of clin. gynæcol. in the univ. of Pa., and phys. in charge of Preston retreat. He married, in Smyrna, Asia Minor, Sept., 1857, Caroline D., daughter of the late Judge Thomas S. Bell, of West Chester, Pa.

BENNETT, MAURICE BOARDMAN, Coventry, Conn., son of Rev. David Bennett and Clarissa (Farnham) Bennett, was born at Bolton, Tolland co., Conn., March 4th, 1837. He was educated at the Conn. literary institute, Suffield, Conn., and studied medicine with his brother, Dr. F. O. Bennett, of Westford, Windham co., Conn., also at the Berkshire med. coll., Pittsfield, Mass., graduating M. D. in Nov., 1863. He located first at Ashford, Windham co., Conn., removing to Coventry, Tolland co., in 1865. He was elected president of the Tolland co. med. soc. in April last. He is president of the board of county commissioners for Tolland co.,

register for the town of Coventry and member of the board of education. In Dec., 1867, he married Libbie F., daughter of Daniel A. French, Esq., of Coventry, Conn.

SAWYER, JOHN JAMES, Quincy, Cal., was born in Monroe co., N. Y., Feb. 24th, 1840. His professional education was received in the med. dep't of the univ. of Buffalo, and from that institution he was graduated M. D. in Feb., 1865. In 1866 he established himself in Lapier co., Mich.; in 1870 removed thence to California, and since has been in practice at Quincy. He is a member of the Cal. State med. soc. His most important publication is a report of a series of experiments, conducted in the Plumas co. hosp., with salicylic acid in the treatment of fevers, *Pacific Medical Journal*, Nov., 1875. During the year 1865 he served as an acting ass't surg., U. S. vol. army, at Camp Douglas, Ill., and at Troy Road Barracks, Albany, N. Y.

PICÖT, LOUIS JULIEN, Murfreesboro', N. C., great-grandson of Julien Picöt, a surgeon of Napoleon, and assistant to Larrey, was born at Murfreesboro', N. C., Jan. 9th, 1853. He studied medicine at the Jefferson med. coll., Philadelphia, and graduated M. D. in March, 1873, settling first at Littleton, but removing to Murfreesboro' in 1876. In the course of his practice he has cured a case of poisoning by ten grains of strychnine, by injecting five grains of morphia hypodermically. He is corresponding and recording secretary of the N. C. State med. soc., elected in 1877. His contributions to medical literature consist of a few papers to the State med. soc. In 1876 he married Nellie Green, daughter of Dr. Simon T. Green, Warrentown, N. C.

CRAWFORD, ROBERT, Cooperstown, Pa., was born in Armagh, county Tyrone, Ireland, April 11th, 1816, and in 1832, in company with his parents, immigrated to America and settled in Pittsburgh. In 1834–35–36, he studied medicine under Dr. John Wilson, of Clinton, Pa.; attended lectures in the Ohio med. coll. during the session of 1836–37, and in April, 1837, began the practice of his profession in Cooperstown. In 1843–44 he attended lectures in the Cleveland med. coll., and was graduated thence M. D.; and in 1859–60 attended lectures in the med. dep't of the univ. of Pa., and received from that institution also his degree of M. D. He is a charter member of the Venango co. med. soc., has been its president; is a member of the Pa. State med. soc., has been one of its vice-presidents, and is a permanent member of the Am. med. asso. He is also a censor of the med. dep't of the Wooster univ., Cleveland. He married, in June, 1838, Sarah J., daughter of John Kelly, Esq., of Centre co., Pa.

VOGDES, EDWARD W., Roxborough, Pa., was born in Philadelphia, Aug. 27th, 1830. He was educated at the Central high school, in that city, from which he received the degrees of A. B. in 1848 and A. M. in 1853. Studied medicine at the univ. of Pa., and graduated M. D. in April, 1851; settled in Philadelphia. In Sept., 1854, he was elected ass't prof., and in Dec., 1858, prof. of intellectual and political philosophy in the Central high school, a position he still holds. In Nov., 1870, he was elected lecturer on hygiene to the public night schools. He published a series of papers entitled "Dangers to the People," in 1870; and in 1874 a series of articles on naval hygiene. In 1875 he devised and prepared charts illustrating the laws of mental association, original in design and detail, and which he employs in his course of lectures on metaphysics in the above institution.

PURDY, ALFRED EDGAR MARTINDALE, was born in New York city, Oct. 17th, 1838. His primary education was received at the collegiate school, New York; subsequently he was a student at the univ. of New York; and in 1861 he took his degree at the coll. of phys. and surg., establishing himself in New York. He is a member of the med. soc. of the county of New York, and for the past ten years has been secretary of that body; is a member of the Medical Journal asso., and was for eight years its librarian; is a fellow of the New York acad. of med., and a member of the physicians' mutual aid asso., pathol. soc., and medico-historical soc. From 1863 to 1873 he was surgeon of police; was for two years president of the board of surgeons, and from 1861 to 1863 was acting ass't surg. in the U. S. army. Since 1869 he has edited the "Medical Register of New York, New Jersey and Connecticut," and while holding this position, as well as previously to his assumption of its duties, has been an active worker in his profession.

STEELE, HENRY K., Denver, Col., son of Dr. John Steele, was born in Dayton, Ohio, April 1st, 1825. Having graduated B. A. from Centre coll., Danville, Ky., in 1844, he entered the med. dep't of the univ. of New York, and from that institution received, in 1848, his degree of M. D. In the

same year he established himself at Dayton, Ohio, where he remained until 1871; since 1871 he has been engaged in general practice in Denver. Since 1851 he has been a member of the Am. med. asso.; was a member of the Ohio State med. soc., vice-president in 1868, elected an honorary member in 1872; and is a member of the Col. State med. soc., president in 1875. In 1861 he was commissioned surgeon, 44th Ohio reg., vol. infantry, served three years. He married Mary F. Dunlevy, 1851, daughter of John C. Dunlevy, M. D., of Hamilton, Ohio.

SOWERS, ZACHARIAH TURNER, Washington, D. C., was born in Clarke co., Va., Dec. 15th, 1846. He was educated at the Berryville acad., Clarke co., Va., and at the Columbian univ., D. C., receiving at the latter institution the degree of A. M. Studied medicine at the National med. coll., D. C., and at the Bellevue med. coll., New York, graduating in 1869 from the former. He settled at Round Hill, Loudon co., Va., and moved to New York in 1870. He was ass't interne in Bellevue hosp.; ass't examining phys. to Bellevue and Charity hosps., New York; ass't resident phys. to contagious hosp., Blackwell's island, N. Y. He returned to Washington, D. C.; in 1872 was appointed demons. of anat. in National med. coll., curator of the museum and lecturer on minor surgery. He is a member of the med. soc. and asso. of the D. of C., and became the secretary to the latter in 1874. In 1876 he was elected a member of the advisory board of phys. and surg. to the Columbian lying-in hosp., D. C., and re-elected to the same in 1877.

SCHELL, HENRY S., Philadelphia, of mixed German and Scotch-Irish parentage, was born in Philadelphia, June 1st, 1835. He was educated at the Central high school, Philadelphia, and studied medicine at the univ. of Pa., graduating in 1857, and settled in Philadelphia, where he remained till 1860, when he entered the regular army as ass't surg., in which he continued till his return to Philadelphia, in 1869. His specialty is diseases of the eye and ear. He is a fellow of the coll. of phys., and a member of the pathol. soc. of Philadelphia, and of the Philadelphia co. med. soc. He is the author of articles on "Iritis," *Philadelphia Medical Times*, 1874; on "The Eustachian Tube," *American Journal of Medical Sciences*, July, 1876; on "Weak Sight," *Medical and Surgical Reporter*, Aug., 1876; on "Hemiopia," *ibid.*, Sept., 1876; on "Earache," *ibid.*, Oct., 1876; on an "Ear Case," *American Journal of Medical Sciences*, July, 1875; on "Glaucoma," *Medical and Surgical Reporter*, Nov., 1876; and other contributions to medical journals. He holds the position of surg. to Wills' hosp.; surg. to St. Mary's hosp., and was formerly surg. on dispensary staff of Episcopal hosp. He was also lieut.-col. by brevet, U. S. army.

SMITH, EUGENE, Detroit, Mich., was born in Albany, N. Y., June 4th, 1845. He was educated at St. Joseph's coll., Buffalo, and studied medicine in the med. dep't of the univ. of Buffalo, N. Y., in London and Paris, and graduated M. D. at Buffalo in 1866, settling first at Mansfield, Tioga co., Pa., but removing to Detroit in 1868, in general practice, but making a specialty of ophthalmic and aural surgery. He is ophthalmic and aural surg. to St. Mary's hosp.; surg. in charge of St. Mary's hosp. free eye and ear infirmary. He is a member of the Am. med. asso.; of the Mich. State med. soc., vice-president in 1877; of the Detroit med. and library asso.; also a member of the International ophthal. congress, held in New York in 1876, and of the International med. congress, held in Philadelphia in 1876. He is the author of numerous papers in the medical journals. In June, 1866, he married Jennie A. Townsend, daughter of J. D. Townsend, Esq., of New York.

SEARS, JOHN HENRY, Waco, Texas, of mixed German and French ancestry, was born at Appomattox Court House, Va., Oct. 9th, 1826. He was educated at the univ. of Va., and studied medicine at the S. C. med. coll. in Charleston, and graduated there in 1851, first settling at Port Sullivan, Milan co., Texas, and removing to Waco in 1854. He is a member of the Waco med. soc., has been its president three times; and vice-president of the State med. asso. He has contributed an article on "Preventive Medicine" to the Transactions of the Texas med. asso. for 1874; and on "Psychology," 1875. Was a member of the board of examiners for McClellan co. board of health, and during the war surgeon to the 30th Texas reg., acting frequently as division surg. In 1854 he married Mrs. A. G. Down, daughter of Davis Gurley, Esq., of Waco.

FISK, SAMUEL AUGUSTUS, Northhampton, Mass., of Anglo-American parentage, was born in Cambridge, Mass., March 26th, 1821. He was educated at Phillips Exeter acad. and at Yale coll.; graduated at the latter A. B. in 1844; studied medicine at Harvard coll., and at the univ. of Pa., and received his degree from the latter in

1846. In 1848 he settled in Northampton, in the general practice of medicine and surgery. He was president of the Mass. med. soc., elected in 1870, and again in 1871; is lecturer on physiology and hygiene in Smith coll., and member of the board of corporators of the Clarke inst. for deaf mutes. His published papers have never been collected. June 5th, 1851, he married Harriet B., daughter of Jacob Binninger, Esq., deceased, of New York.

BOARDMAN, WILLIAM ELBRIDGE, Boston, Mass., was born in Boston, April 27th, 1844, of American parents. He was educated at Phillips acad., Exeter, N. H., and at Harvard coll., graduating from the latter in 1865. He pursued his medical studies at Harvard, and received his M. D. in 1868, settling in Boston in general practice. He is a member of various medical societies, and is the author of a number of articles contributed to various medical journals. He has held the position of attending phys. to the Boston dispensary, surg. for diseases of women at the Carney hosp., attending phys. for diseases of women at the City hosp., Boston. He is also medical examiner for the United States life ins. co. of N. Y. In 1873 he married Mary Bangs, daughter of Harrison C. Bryant, Esq., of Boston, Mass.

ANDERSON, TURNER, Louisville, Ky., son of Richard T. and Kara Anderson, was born in Meade co., Ky., Aug. 11th, 1842. He graduated at the Cincinnati coll. of med. and surg. in 1863, and settled at Louisville. He is a member of the coll. of phys. and surg. of Louisville, of the Louisville obstet. soc., of the med. chirurg. soc. of Louisville, and of the Ky. State med. soc., was its vice-president in 1874. In 1873 and 1874 he was president of the coll. of phys. and surg., Louisville, Ky., and was surg. to the 28th reg. Ky. vet. vols., U. S. army, with the rank of major, in 1865.

BOUTON, GEORGE BERIAH, Westport, Conn., whose ancestors settled in Connecticut in the early part of the seventeenth century, son of Stephen Bouton and Harriette (Bradley) Bouton, was born in Troy, N. Y., April 27th, 1828. He was educated at the Episcopal institute, Troy, and studied medicine under Dr. Charles Hooker, of New Haven, graduating at Yale, in Jan., 1856, and at the N. Y. med. coll., in March, 1856. He located himself in New York city, removing to Westport in 1865. Among the leading incidents of his practice was one in which he brought parts of a body, which had been buried over nine months, into court, and successfully invalidated a will, in which was involved an interest of over two hundred thousand dollars. He has also within a year presented the med. and chirurg. soc. of N. Y., three specimens of aneurism of the ascending aorta bursting into the cavity of the pericardium during coition. He is a member of the Fairfield co. med. soc., and Conn. State med. soc., elected in 1865. He was deputy coroner of New York from 1856 to 1865, school officer of Westport since 1865, and was surgeon with Gen. Walker, in Rivas, in 1856. He is medical examiner of the Mutual life ins. co., of New York; also of the Equitable, and many other life ins. cos. In April, 1861, he married Mary Frances, daughter of Andrew C. Nash, Esq., of Westport. He has been a free mason and a knight templar since 1852, an odd fellow since 1849, and has been a member of the vestry of Christ church, Westport, since 1865.

BRODIE, ROBERT LITTLE, is a native of Charleston, S. C. He was educated at Charleston coll., graduated 1848. Attended lectures at the S. C. med. coll., graduated 1851. Served as senior ass't and house phys. Bellevue hosp. in 1851 and 1852. Appointed ass't surg. in U. S. army in 1854. Appointed surg. and med. direc. Confederate States army in 1861. Is a general practitioner in Charleston, and member of the State med. asso.

DORSEY, GODWIN VOLNEY, Piqua, Miami co., Ohio, son of James Maxwell Dorsey and Martha (McComas) Dorsey, of Baltimore co., Md., was born at Oxford, Butler co., Ohio, Nov. 17th, 1812. He was educated at Miami univ., Oxford, and graduated M. D. from the med coll. of Ohio, in March, 1836, locating at Piqua the same year. He has been a leading surgeon in this and adjoining counties for thirty years. He was, for several years, president of the Miami co. med. soc., member of the Ohio State med. soc., and chairman of its committee on surgery in 1851. He is the author of "Remarks on Milk Sickness as an Epidemic Fever," *Lancet*, 1847; and "Case of Removal of a Portion of Spleen," *Ohio Medical Counsellor*, 1855, "Eve's Remarkable Cases in Surgery," p. 347, and "Surgical History of Rebellion." He was a member of the Ohio constitutional conventions of 1850 and 1873; was elected State treasurer of Ohio in 1861 and 1863; chairman of Republican executive committee, 1863 and 1864; member of the Democratic national convention for 1856 for 4th congressional district, and of the Republican

national convention in 1864 for State-at-large; district elector on Democratic presidential ticket in Ohio, in 1848, and appointed to supply place of Gov. Tod as elector-at-large on Republican ticket in 1868. He is president of the Citizens' national bank at Piqua. In 1836 he married N. M., daughter of Hon. John McCorkle, of Piqua. She died in 1855. In 1856 he married Mrs. L. P. Morrow, daughter of D. Tuttle, Esq., of Indianapolis, Ind.

SMALTZ, J. HENRY, Philadelphia, was born April 1st, 1827. He was educated at the univ. of Pa., received his degree of A. B. in 1846, A. M. in 1849, and studying medicine in the med. dep't of the same institution, received his M. D. degree in 1850. He is a member of the Northern med. asso. of Philadelphia, of the Philadelphia co. med. soc., of the State med. soc. of Pa., and of the Am. med. asso.

COGLEY, THOMAS J., Madison, Ind., was born near Kittanning, Pa., March 20th, 1814. After reading medicine with an older brother, he began practice in 1837, at Brookville, Ind. After four years practice, he entered the med. dep't of Transylvania univ., and, after attending a full course of lectures, was graduated thence M. D. in March, 1842. His professional education was supplemented in 1853–54 by a sojourn in Europe, during which time he studied under the leading physicians of Great Britain and France. In 1845 he established himself in Madison, Ind. In the course of his practice he has repeatedly performed lithotomy; has exsected one-half of the lower jaw; has twice removed the parotid gland, and has many times operated for cataract, with the needle, by corneal flap extraction, without iridectomy, and by Von Graefe's method of extraction, with iridectomy; the result of his operations convincing him that the latter method is most effective. He was elected a member of the Ohio State med. soc. in 1843; of the Ind. State med. soc. in 1855; president of same in 1856, and member of the Am. med. asso. in 1857. He has occasionally contributed articles to the Cincinnati and Louisville and Nashville medical journals; also to the Transactions of the societies of which he is a member.

DOUGHERTY, JAMES ERVIN, Greentown, Starke co., Ohio, of Irish and English ancestry, was born in Beaver co., Pa., March 13th, 1820. He was educated at Richmond and Jefferson co., Ohio, classical institute. He settled first at Hookstown, Beaver co., Pa., in 1843, then at Springfield, Jefferson co., Ohio, in 1848, and finally at Greentown in 1849. He is a member of the Starke co. med. soc., of which he has been twice president, and is now one of its board of censors, of the Union med. asso. of Northeastern Ohio, was its vice-president in 1868, and of the Ohio State med. soc. He was lieut.-col. of the 45th national guards of Ohio, in the hundred days' service in 1864. In 1844 he married Phebe L. Thompson. She died in 1847. In 1849 he married Angeline, daughter of Thomas Gorgas, Esq., of Greentown, Ohio.

GREENE, WILLIAM ALEXANDER, Macon, Ga., grandson of Rev. Wyles Greene, of Georgia, son of Dr. A. B. Greene, of Macon, Ga., was born in Augusta, Ga., Jan. 5th, 1834. He began life as an attendant in a drug store in Augusta, pursuing his studies while there, and studied medicine under the supervision of Dr. Henry F Campbell, of Augusta, and at the Jefferson med. coll., and subsequently at the Augusta med. coll., whence he graduated M. D. in 1857. He had practised in Americus, Ga., between the intervals of his studies in the two colleges. After graduating, he settled in Americus, Ga., where he remained till the breaking out of the war. After the war he returned to Americus, and resided there till 1875, when he settled in Macon, in general practice. He is a trustee of the Savannah med. coll., a member of the board of phys. of the State of Georgia for ten years, vice-president of the State med. asso. in 1872 and 1876. He is the author of several papers on "Small Pox," "Vaccination and its Results;" on the "Use of the Hypodermic Syringe," published in the *Atlanta Medical Journal*, and *Richmond and Louisville Medical Journal*, in 1866, and which was extensively copied into other journals, and other papers on the same subject, in 1869, 1871, 1874, and 1876; on "Hemorrhagic Malarial Fever," "Reviews of Contemporary Modern Pharmacy," now in progress of publication, and among which is an exhaustive article based upon a strict chemical analysis, both qualitative and quantitative, of the "Ready-made Pills of the Day." On the breaking out of the civil war he entered the Confederate service in an artillery company, but after being in two engagements, and being wounded, he obtained the position of ass't surg., and was assigned to duty with the army of northern Virginia. He was subsequently appointed surg., and afterwards chief surg. of artillery, 3d army corps of northern Virginia, on the staff of Lieut.-Gen. A. P. Hill, where he remained till the surrender of Lee. He was on every

battle-field of that army, and was the first to bring to the notice of the medical authorities in the field the operations for resection. He is the inventor of the hypodermic syringe at present in use, the designer of the *improved* hypodermic syringe-needle, and of "Greene's pocket case." He was the first to introduce many new remedies hypodermically, the result of his great experience in this method of treatment being published in the articles above mentioned, and has within the last two years given much attention to pharmacy and chemistry, for the purpose of furthering which studies he has arranged an excellent private laboratory. In 1854 he married C. C. Lumpkin, daughter of Hon. Samuel Lumpkin, of Ga., and niece of Chief Justice Joseph Henry Lumpkin, of the supreme court of Georgia, and of ex-Governor Wilson Lumpkin, of Georgia.

EDGERTON, FRANCIS D., Middletown, Conn., was born in Chatham, Conn., Aug. 26th, 1838. His father was Dr. Francis G. Edgerton, and his mother Mariette (Daniels) Edgerton. He graduated A. M. at the Wesleyan univ., in 1861, and M. D. at the coll. of phys. and surg. of New York, 1864; he also received the degree of M. D. from the univ. of Vermont, in 1863. He was house phys. at Bellevue and Charity hosps., New York, from 1864 to 1866. He afterwards settled in Middletown, Conn. He is a member and clerk of the Middlesex co. med. soc., elected in 1873, of the Conn. med. soc., elected treasurer in 1876; and member of the Am. med. asso. He is attending phys. to the Conn. Industrial schools for girls. During the war he was commissioned surgeon of the 21st reg. Conn. vols. in 1863, but never went to the field. In Nov., 1868, he married Amelia Dupont, daughter of the late Henry C. Cruger, Esq., of New Orleans, La.

GREENLEY, THOMAS B., Orell, Jefferson co., Ky., son of James Greenley and Mary (Brady) Greenley, was born in Caroline co., Md., Sept. 20th, 1818. He was educated in Caroline co., at the Denton acad., and studied medicine in the med. dep't of the univ. of Louisville, graduating in March, 1846, and locating himself first at West Point, Hardin co., Ky., and afterwards, in 1860, removing to Jefferson co., thirteen miles south of Louisville, where he now resides. His practice is general. He is a member of the Louisville acad. of med., and of the Am. med. asso., and has at various times contributed a number of articles on medical and surgical subjects to the Louisville and Cincinnati medical journals. In 1844 he was appointed postmaster of West Point, Ky., but declined to hold the position. In 1842 he married Anna E., daughter of Coleman Lewis, Esq., of Hardin co., Ky. Has five children, two sons and three daughters.

FISHER, CHARLES HARRIS, Scituate, R. I., son of George Clinton and Harriet (Cady) Fisher, was born at Killingly, Windham co., Conn., June 30th, 1822. His early educational advantages were very limited, but later he acquired a fair classical and scientific education, the expenses of which, with those of his subsequent medical studies, were defrayed solely by his personal labor. He pursued the study of medicine with Dr. Justin Hammond, of Killingly, Conn., and Prof. Alfred C. Post, of New York. Was connected as student and assistant with New York city hosp., attended lectures at the univ. of the city of New York, and at the med. dep't of Dartmouth coll., where he graduated in 1848; attended lectures at Harvard the following season, and settling immediately after in Scituate, R. I., where he engaged in general practice, but giving special attention to uterine diseases, and to the surgical branch of his profession, performing all the operations that came within his practice, and with few exceptions all within a considerable extent of surrounding territory, where he has been for some years principal consult. phys. He was elected a member of the Rhode Island med. soc. in 1850, represented that society at the meeting of the Am. med. asso. in 1858, and of which he has since been a permanent member. He served as censor of the Rhode Island med. soc. for several years consecutively, and also occupied the positions of second and first vice-president, and was elected president of the society in 1877. His contributions to medical literature have been various papers read before the State med. soc., and a few to the medical periodicals. His contributions to general literature have been much more numerous than to that of the medical profession. He has held the office of superintendent of public schools, and various town civil offices; served as State senator at different times; has been a member of State board of education since 1870, and also a trustee of the State normal school from its original establishment; was a presidential elector for Rhode Island in 1876, and was in 1870 appointed by the governor and legislature, chairman of a commission to stock the inland waters of the State with fish. In military service he was, from 1862 to 1865, State inspector of recruits for the army, and a member of the board of exemption. He was for

some time president of the Citizen's Union bank, but on the establishment of the Scituate National bank, in 1865, became its first president, and served until in 1876 he declined further service. He has been presiding or managing officer of various literary and benevolent associations of county or State. In Feb., 1849, he married Sophia R., daughter of Russell Smith, of Scituate, R. I.

FISH, JOHN DAWSON, Savannah, of German and French descent, was born in Georgia, Sept. 28th, 1822. His literary and classical education was obtained at Mercer and Oglethorpe universities in Georgia, and his medical education at the univ. of New York, whence he graduated M. D., 1845, settling immediately after in Savannah, where he has been in active general practice ever since. He is a member of the Georgia med. soc., and filled all the offices in that association from president down. Among his literary contributions is a paper upon the yellow fever epidemic, as it appeared in Savannah in 1876. He is prof. of obstetrics in the Savannah med. coll., and an active member of the Savannah Benevolent asso. In 1850 he married Florida Fannin, daughter of A. B. Fannin, Esq., of Savannah, Ga.

FURNISS, JOHN PERKINS, Selma, Ala., son of Dr. John P. Furniss, a native of Maryland, was born, Sept. 24th, 1841, near Columbus, Miss. He graduated from the univ. of Mississippi, at Oxford, in June, 1860, and from the New Orleans school of medicine in March, 1866, settling the next month in Selma, Ala. His specialty is genito-urinary surgery. He is a member of the Selma med. soc., of which he was secretary from 1869 to 1875, and vice-president in 1876 and 1877, and of the med. asso. of the State of Alabama, of whose house of councillors he is a member. He is the author of an essay on the "Anatomical and Physiological Peculiarities of the Negro," a portion of which was published in the *New Orleans Medical and Surgical Journal*, for 1874. In the civil war, he was ass't surg. in the Confederate army; recommended in March, 1865, for promotion. He married E. M. Dawson, Dec. 21st, 1876.

CUTTER, GEORGE ROGERS, New York city, was born in that city, March 21st, 1840. His ancestry is American for six generations. He received a classical education, chiefly under private tutors, and graduated at the coll. of phys. and surg. in March, 1861, having had as his preceptors John H. Griscom, C. R. Agnew, and Willard Parker. For a time he was res. surg. of the New York hosp., when, the civil war intervening, he entered the military service, from which he did not return until the war ended. He was res. surg. of the New York eye and ear infirmary in 1867; and in 1869 he visited Europe, attending the eye clinics of the European universities, and returning to New York in 1871, becoming in the same year clinical assistant in the New York eye and ear infirmary; ass't surg. in 1873, and surgeon in 1877. He was opthal. and aural surg. in the New York dispensary from March, 1873, to Jan., 1877, when he resigned, and is now ophthal. and aural surg. in the Brooklyn E. D. hosp. and dispensary, and consult. opthal. and aural surg. in St. Catharine's hosp., Brooklyn. He is a member of the New York ophthal. soc., of which he was elected secretary and treasurer in Jan., 1876, and re-elected in 1877. He has translated and edited Frey's "Microscope and Microscopical Technology," 1872, and his "Compendium of Histology," 1876; and has nearly ready for the press "A Dictionary of the German Technical Terms, used in Medicine and the Collateral Sciences." He also performs the service of condensing for the medical journals of New York the articles of chief interest in the medical journals of Scandinavia, Germany, France, Italy, Spain, Portugal, Holland, and other foreign countries. In the summer of 1862 he was surg. of the 127th N. Y. vols.; in the fall of 1862, brigade surg.; in the spring of 1863, med. director in Gordon's division on the Peninsula, and later at Morris island, Beaufort, etc.; and in 1865 med. director in Hatche's corps, Charleston, S. C., and health officer in the N. D. D. S.; president of the examining board, etc., etc. He was mustered out of service in July, 1865.

ROBINSON, ANDREW ROSE, New York, was born at Claude, Ontario, Canada, July 31st, 1845. He was educated at Brampton high school, Ontario, Canada, and at the univ. coll., Toronto, Canada. He pursued his medical studies at the Toronto school of medicine, at Bellevue hosp. coll., New York city, and graduated at the Bellevue hosp. coll. in 1868, and at the Toronto univ. in 1869. He also visited Europe, and spent two years in Paris and Vienna, and two years in Edinburgh and London, graduating also from the Royal coll. of phys. and Royal coll. of surg., Edinburgh, in 1870. He settled in New York in general practice, but giving more attention to diseases of women and children and diseases of the skin. He is a member of the New York co. med. soc., of the Northwestern med. and surg., and of the New York dermatological

soc., also of the Am. dermatological asso. He is the author of "Ueber die eutzündlichen Veränderungen der Ganglienzeller des Sympatheticus," "Pompholyx," "Sycosis," etc., etc. He is one of the attending physicians to the bureau of medical and surgical relief for the out-door poor at Bellevue hosp., children's department; special pathologist to the New York city asylum for the insane; and was formerly house physician to the nursery and children's hosp., New York city.

KITTOE, EDWARD DOMINICUS, Galena, Ill., son of Robinson Kittoe, R. N., was born at Woolwich, Kent, England, June 20th, 1814. Having received his primary education at the grammar school of Bury St. Edmund's, Suffolk, he served an apprenticeship to a surgeon and apothecary, and then, coming to America, began the study of medicine under the late Dr. Samuel Jackson, of Northumberland, Pa. His professional training was completed at the Pennsylvania med. coll., whence he graduated M. D. in 1841. He established himself at Muncy, Lycoming co., Pa., where he remained in successful practice until 1851, when he removed to Galena, Ill. During his residence in Pennsylvania he was a member of the State med. soc., and served in 1850–51 as one of its vice-presidents. He was elected a member of the Chicago acad. of nat. sciences. In Aug., 1862, he was commissioned surg. to the 45th reg. Illinois vols.; was in the same year commissioned surg. in the U. S. vols., and served on the staff of Gen. Sherman from before the capture of Vicksburg until the spring of 1864; was subsequently upon the staff of Gen. Grant until appointed med. inspector, with the relative rank of lieut.-col.; and reassigned to the staff of Gen. Sherman. After the capture of Atlanta he was appointed med. inspector to the dep't of the northwest, with head-quarters at Dubuque, Iowa, and was finally mustered out of the service Dec., 1865, with the rank of brevet col. U. S. vols. He was married, Dec. 25th, 1836, to Elizabeth, daughter of Daniel Fiester, Esq., of Easton, Pa.

KING, CYRUS B., Allegheny City, Pa., son of Dr. Samuel M. King and Maria King, was born in Monongahela City, Pa., Feb. 7th. 1839. He received his academic education in Washington, D. C., and in Monongahela City, and graduated in medicine from Jefferson med. coll., Philadelphia, March, 1862. In 1871 he settled in Allegheny City in regular practice. He is a member of the Western Pa. acad. of nat. sciences; the Pittsburgh acad. of medicine; the Allegheny co. med. soc., is its vice-president; of the Pennsylvania State med. soc., and of the Am. med. asso. He was also a delegate to the International med. congress in Philadelphia, in 1876. His contributions to professional literature consist of "Report of Successful Operation for Extrophy of Bladder," Transactions American medical association, 1875; "Removal of Subperitoneal Fibroid of Uterus," *American Journal of Medical Science*, and Transactions of International med. congress, 1877. During the civil war—from 1862 to 1865—he served as army surg., and from that year till 1871 held the position of superintendent and phys. to the Pittsburgh sanitary soldiers' home. Since 1865 he has also been surg. to the Western Pa. hosp., Pittsburgh, and to the Pittsburgh dispensary and home for friendless children, Allegheny. In June, 1863, he married Euphemia G., daughter of Rev. John Kerr, of Allegheny, Pa.

KELLEY, WILLIAM DENNIS, Galveston, Texas, son of Dr. Kelley, was born in Wilson co., Tenn., Nov. 20th, 1825. Having received an ordinary English education, he entered the med. dep't of the univ. of Pa., and was graduated thence M. D. in 1848. During the ensuing five years he practised at Gallatin, Tenn.; in 1853 removed to Texas; and since Jan., 1866, has been established at Galveston. In 1857 he was a member of Capt. John Pope's artesian well expedition to the Staked Plains and New Mexico. He is a member of the Galveston co. med. soc.; of the Texas State med. soc., president in 1877; and of the Galveston board of health, once its president. In 1876 he was elected prof. of therapeutics and clinical medicine in the univ. of Louisiana, but declined the chair. In 1862 he was commissioned surg. of 32d reg.; was promoted to be surg. of brigade in 1863, and to be surg. of division in 1864, and in the latter capacity served until the end of the war. He married, March 15th, 1849, Euphemia, daughter of J. W. Baldridge, Esq., of Gallatin, Tenn.

LONG, URIAH, Stony Run, Berks co., Pa., of Swiss-German descent, parents and grandparents American, was born in Lehigh co., Pa., Jan. 3d, 1831. His professional education was obtained in the Bellevue hosp. med. coll., whence he was graduated M. D. in Feb., 1865, practised at Tamaqua, Pa., during the ensuing twelve years, and since May, 1877, has been established at Stony Run. He is a member of the Schuylkill co. med. soc., elected in Jan., 1872, censor for five years, and of the Pennsylvania

State med. soc. In 1875–76 he was phys. to the board of health of Tamaqua, and was for three years a member of the Tamaqua city council.

RAPHAEL, BENJAMIN I., New York, was born at Richmond, Va., Nov. 8th, 1818. Entering the New York coll. of phys. and surg., he graduated thence M. D., in March, 1839; was during the following three years house surg. to the New York hosp., and thereafter spent two years in professional study in the hospitals of London and Paris. Returning to America in 1844, he established himself, in the winter of that year, in Louisville, Ky., where he remained until 1856. In the latter year he again established himself in New York, where he has since remained. His practice has been confined to surgery. He is a fellow of the New York acad. of med., and a member of various other New York medical organizations; prof. of surg. in the New York med. coll., and attending surg. to the Mt. Sinai hosp. During his residence in Louisville he was city phys., attending and consult. surg. to the Louisville city hosp. After the battle of Antietam he served for a week as a volunteer surgeon.

RAMSAY, JAMES GRAHAM, Rowan Mills, Rowan co., N. C., of Scotch-Irish ancestry, was born in Iredell co., N. C., March 1st, 1823. He was educated at Davidson coll., Mecklenburg co., N. C., and studied medicine at the Jefferson med. coll., graduating at the former, A. M., in 1841, and at the latter, M. D., in 1848, settling in Palermo, Rowan co., in general practice. He is a member of the State med. soc., vice-president in 1858, president of the Rowan co. med. soc. in 1866 and 1877. He was for many years a director of the insane asylum at Raleigh, and member of the board of internal improvements. State senator continuously from 1856 to 1864, and member of the Confederate congress from North Carolina in 1864 and 1865. In 1846 he married Sarah Jane, daughter of Anderson Foster, Esq., of Davis co., N. C.

INGALLS, WILLIAM, Boston, Mass., son of Dr. William Ingalls, of Boston, was born in that city, Jan. 12th, 1813. He was educated at North Andover, Boston, and at Harvard; and studied medicine under his father, and Dr. Charles Harrison Stedman, and at Harvard med. school, graduating in 1836, and locating himself in Boston, in general practice, but with special attention to obstetrics. He is a member of the Mass. med. soc., of the Boston soc. for med. observation, of the obstetrical soc. of Boston, and of the Suffolk district med. soc. He has published a synopsis of private obstetrical practice for forty-two years, prior to 1876, etc. He has held the position of surg. in charge of U. S. Marine hosp., Chelsea, Mass., is visiting surg., Boston city hosp., and during the war was surg. of the 5th Mass. infantry, nine months' service; of the 59th Mass. vet. vol., and med. director of the 2d brigade, Mass. militia. In 1840 he married Julia A. M., daughter of Ezra Davis, Esq., of Boston.

ROTHACKER, WILLIAM ADAM, Cincinnati, O., was born in that city, Sept. 3d, 1853. He was educated at the Cincinnati coll. of med. and surg.; graduated in Feb., 1871, he having held the position of resident phys. of the Cincinnati hosp. a year previous. His contributions to medical literature consist in various translations from the German and French. He was lecturer on physiology in the Cincinnati coll. of med. and surg. during the winter of 1876–77, appointed prof. of physiology, and demonstrator of anat. in the same institution in March, 1877, and is now prof. of anat. in that institution.

HART, SAMUEL WALDO, New Britain, Conn., was born at New Britain, May 22d, 1825. His medical education was obtained at Berkshire med. coll., and at Harvard med. coll., Mass., and he received an honorary degree from Yale coll. in 1854. He settled in New Britain in 1851. He is a member of the Hartford co. med. soc., of the Connecticut State med. asso., and of the Am. med. asso. For five years previous to his settlement in New Britain he held the position of ass't phys. to the Connecticut retreat for the insane at Hartford. He was elected mayor of the city of New Britain in 1872, and held that office for five consecutive years from date of first election. In 1851 he married Cordelia M. Smith, of New Britain; she died in 1857. In 1864 he married Margaret C., daughter of William B. Smyth, Esq., of Maryland.

LOVE, JOHN JAMES HERVEY, Montclair, Essex co., N. J., a descendant of John Love, who immigrated to this country, in 1728, from the north of Ireland, and settled at Faggs' Manor, Chester co., Pa.; great-grandson of Thomas Love, lieut., and aide-de-camp to Gen. Samuel Cochrane, in the revolutionary war, and son of Rev. Robert Love, a Presbyterian minister, was born in Harmony township, Warren co., N. J., April 3d, 1833. He was educated at Lafayette coll., Easton, Pa., and at the univ. of the city

of New York, graduating at the former in 1851, and at the latter in 1855. He is a member of the Essex co. district med. soc., was its president in 1872, was also president of the Newark med. asso. in 1863. He is also a member of the New Jersey acad. of med. He is the author of articles on medical topography, climatic influences, etc., on mammary abscess, puerperal mania, malignant pustule, etc. During the war he was surg. of the 13th reg., N. J. vols., surg.-in-chief, 3d brigade, 1st div., 12th army corps, army of the Potomac, and surg.-in-chief, 1st div., 12th army corps of the same army.

KNIGHT, AQUILA LEIGHTON, West Columbia, West Va., was born in the county of Mason, Va., Dec. 25th, 1823. He is the son of George Ray Knight, whose ancestors came from England. He was educated by private tutors, and studied medicine in the med. dep't of the Western reserve coll., O., graduating M. D., March, 1850, and settled in West Columbia in the general practice of medicine and surgery, in which latter branch he has performed a number of successful operations. He is a member of the Meigs and Mason acad. of med.; was its president in 1866 and 1872; of the Mason co. med. soc., West Va., was its president in 1876; of the Meigs co. med. soc., president in 1875; of the Ohio valley med. asso., and of the West Va. State med. soc., its vice-president in 1874. To the literature of his profession he has contributed an article on "Clay as a Therapeutical Agent," *Southern Medical Record;* "Ischuria Renalis," *Medical and Surgical Reporter*, Philadelphia; "Differential Diagnosis of Diphtheria," *Southern Medical Record;* "Duodenitis," *ibid.;* "Medical Jurisprudence," *Cincinnati Lancet and Observer*, etc. In 1861 he entered the southern army as a private, and after serving three months, was detailed as surg. in Brigadier-Gen. John Floyd's division, and captured. After being six months in prison, with an indictment for treason hanging over him, he was released with the loss of all his property. He returned to the practice of his profession in 1863. In 1855 he married Susan Frances, daughter of Wyatt Willis, Esq., of Lawrence co., Ohio.

HALL, CHARLES HENRY, Macon, Ga., descended from the Halls of Cecil co., Md., was born in Milledgeville, Baldwin co., Ga., Nov. 24th, 1832. His literary and classical education was obtained at Oglethorpe univ., Ga., from which he graduated A. B. in 1852, and his medical studies were pursued at the Penn med. coll., Philadelphia, whence he received the degree of M. D. in 1855. He located himself first in Milledgeville, but subsequently removed to Macon. He is a member of the Macon med. asso.; of the med. board of Ga.; also of the Ga. State med. soc. In 1872, and again in 1876, he was elected president of the Macon med. asso. During the civil war he was surg. of the 45th Ga. Confederate reg. In Dec., 1856, he married Aurie, daughter of M. J. Kenan, Esq., of McIntosh, co., Ga.

KNIGHT, FREDERICK IRVING, Boston, Mass., was born at Newburyport, Mass., May 18th, 1841. He was educated at the high school at Newburyport, and at Yale coll., and studied medicine at Harvard med. schools, and in various European hosps., graduating A. B. at Yale in 1862, and M. D. at Harvard in 1866. He settled in Boston, where he has been associated in practice with Dr. H. I. Bowditch, his attention being specially given to diseases of the throat and chest. He is a member of the Mass. med. soc.; of the Boston soc. for med. improvement; corres. member of the New York laryngological soc., etc. He has contributed various reports on diseases of the throat and chest, to the *Boston Medical and Surgical Journal*, and holds the position of instructor in auscultation, percussion and laryngoscopy in Harvard univ., and phys. to the out-patients with diseases of the throat in the Mass. general hosp.

LAUGHTON, SUMNER, Bangor, Me., of English ancestry, was born at Norridgewock, Me., April 5th, 1812. He was educated at Bloomfield acad., Me., and studied medicine at the Me. med. school connected with Bowdoin coll., graduating Sept., 1834, and settling first in Orono, then in Foxcroft, and lastly, in 1849, in Bangor. In addition to general practice he has devoted a great deal of attention to ophthalmic surgery. He is a member of the Bangor med. and surgical asso.; of the Penobscot co. med. asso.; of the Me. med. soc.; of the Am. public health asso., and permanent member of the Am. med. asso. In Jan., 1835, he married Mary Ann, daughter of Nathaniel Parker, Esq., of Hampden, Me.

LYMAN, CORNELIUS NETTLETON, Wadsworth, Medina co., O., of Puritan ancestry, was born at Wadsworth, May 14th, 1819. He received his medical education at Transylvania univ., Lexington, Ky., graduated in March, 1843, and settled in Wadsworth. He is a member of the Medina co. med. soc., has been several times its presi-

dent; of the Ohio State med. asso.; of the Union med. asso. of northeastern Ohio, was elected its president in Feb., 1874; and of the Am. med. asso., elected to the last in 1874. In March, 1844, he married Caroline E. Beach, daughter of Lyman E. Beach, Esq., of Wadsworth.

LINTHICUM, EDWARD, Evansville, Ind., son of Dr. Rufus Linthicum, formerly of Henderson, Ky., was born in Rumsey, Ky., May 3d, 1844. His medical studies were pursued in the Ohio med. coll., Cincinnati, in 1863, and at the Long Island coll. hosp., whence he graduated in 1865. He also obtained an *ad eundem* degree from the Ky. school of medicine in 1868. He located himself first in Henderson co., Ky., removed to Arkansas in 1869, thence to Carmi, Ill., 1871, and finally settled in Evansville in 1873. He is a member of the Drake med. asso., and of the Am. med. asso. He was demons. of anat. in Evansville med. coll. in 1874. In 1875 he was appointed to the chair of genito-urinary diseases and syphilis in the same institution. He was also phys. to Vanderburg co. almshouse in 1874 and 1875. In Dec., 1876, he married Atta R., daughter of James Porter, Esq., of Owensboro', Ky.

SADLER, GEORGE, Ravenna, Portage co., O., was born in Mecca, Trumbull co., O., July 17th, 1836, of Irish parents. He was educated at the Western Reserve seminary, West Farmington, O., and at the Michigan univ., Ann Arbor, Mich., graduating M. D. in March, 1860. He located himself first in Streetsboro', O., and moved to Ravenna, O., in 1867. His practice is general, and in the practice of surgery he has successfully performed some important operations. He is a member of the Portage co. med. soc. During the war he held the position of surgeon to the 99th and 50th Ohio vol. infantry, and was with Sherman in his Atlanta campaign of 1867. In Jan., 1861, he married May G., daughter of Col. Sutherland, of Ann Arbor, Mich.

TURNIPSEED, EDWARD BERRIAM, Richland, S. C., was born in Richland co. on Oct. 29th, 1829. His paternal ancestors were from England and Switzerland, and his maternal from Germany. In 1720 they received a grant of land in a territory (of which Richland co., S. C., is now a part) called Saxa Gotha, where they settled, and where he was born. He was educated at Mount Zion coll., Winnsboro', S. C., and afterwards studied medicine and graduated M. D. from South Carolina med. coll., Charleston, in March, 1852. After practising for a few months, he visited Paris, where he remained till the summer of 1854, attending medical lectures and studying languages. He then went to St. Petersburg, entered the Russian army under the rank of surgeon-major, and was stationed first on the Danube, Kiechener, Odessa and Sevastopol, during the siege of which latter place he performed a large number of the capital operations in military surgery. He was made a knight of the order of St. Anne, 3d class, by the emperor, and, besides, a recipient of the Sevastopol and commemorative medals, with the ribbons of the orders of St. George and St. Andrew respectively attached. After fourteen months he returned to Paris, en route, visiting Vienna, pursuing his studies till he returned to America in 1856, locating himself in New York till 1859, when he settled in Richland, in general practice, but giving a preference to surgery. He is a member of the Am. med. soc. of Paris, and was its vice-president in 1854; of the New York pathol. soc., elected in 1858; of the S. C. med. asso., elected in 1874, and was its vice-president in 1875; has been delegate to the Am. med. asso.; to the International med. congress of 1876. He is the author of a paper on "Gossypium Herbaceum and Viscum Album, Used by Negro Women to Procure Abortion," *Charleston Medical Journal*, 1852; reports on "Exsection of Fibula," etc., and of "Superior Maxillary Section of Malar, and Pterygoid Process of Sphenoid Bone;" also originator of "Modification of Syme's and Pirogoff's Operation of Ankle-Joint," the first read before the New York pathol. soc. and the two last published in the *Richmond Medical Journal*, May, 1868; "Facts Regarding the Anatomical Difference between the Negro and White Races (difference in the locality of the hymen), *Richmond and Louisville Medical Journal*, 1868, and *American Journal of Obstetrics*, Jan., 1877; "Why should we Support the Perineum during Labor at all, and particularly in Primiparæ? a Means recommended which, as far as tested, has never failed to prevent Lacerations of the Perineum," *Richmond and Louisville Medical Journal*, April, 1877. He is also the inventor of numerous surgical instruments for operating on fistulas, staphyloraphy, and for closing wounds, etc., besides having invented a speculum, apparatus for stitching, etc., curved needles with clamps at points; also a quadrilateral urethrotome or hysterotome; also a uterine speculum and dilator. Many of these are described in the Transactions of the S. C. med. asso. for 1875–76–77. He has also invented a "Cotton Chopper" and

a bee-hive. At the outbreak of the civil war he was appointed regimental surgeon, and subsequently acting brigade surgeon, but after some time, finding juniors placed in authority over him, and an absence of appreciation of his services, having recommended a separation of medical and surgical departments, and it not being adopted, he resigned and retired to his plantation, where he remained for some time, and then resumed practice in Columbia, S. C. He married, in 1868, Clara M., daughter of J. T. Hendrix, Esq., of Lexington, S. C.

PARKER, FRANCIS LE JAN, Charleston, S. C., was born in Abbeville, S. C., Sept. 22d, 1836. He received his education in the S. C. State military acad., and pursued his medical studies in the med. coll. of the State of South Carolina, from which he graduated in March, 1858, settling in Charleston. While his practice is general he has given attention more particularly to diseases of the eye and to surgery. He was appointed, in 1859, ass't demonstrator in the med. coll. above named, and demonstrator in 1866; also prof. of anat. in 1870, which position he still occupies. He is a member of the S. C. med. asso. and of the med. soc. of the same State. He has published a number of articles in the medical journals, some among them being, "Anomalies of Vertebral Column," *American Journal of Medical Science;* "Case of Dislocation of Wrist-Joint Backward, with Table of Cases," Transactions of S. C. med. asso., 1871; "Subcutaneous Injection of Strychnia as a Remedial Agent in Amaurosis and Amblyopia," *ibid.*, 1873; "History of Laparotomy, Table of Cases," etc., *ibid.*, 1874; "History of Stone in Bladder, in South Carolina," *Charleston Medical Journal and Review;* "Gun-Shot Wounds of Head," "Medical and Surgical History of War of Rebellion." He is also ass't editor of the *Charleston Medical and Surgical Review.* During the civil war he was ass't surg. in charge of Manchester hosp., Va., afterwards surg. of Hampden's legion and chief surg. of Field's division, Longstreet's corps of Confederate States army.

NELSON, DANIEL THURBER, Chicago, Ill., only son of Drake and Lydia Thurber (Pond) Nelson, was born in Milford, Worcester co., Mass., Sept. 16th, 1839. Having received his preparatory education at Amherst coll., he entered the Harvard med. school and was graduated thence M. D. in 1865. While a student at Harvard he served at the Mason U. S. general hosp., Boston, successively as nurse, medical cadet, and house surg., and during the last few months of the war, after his graduation, as an acting ass't surg. in the U. S. army. In Nov., 1865, he established himself at Chicago, engaging in a general practice, but giving especial attention to gynæcology. His improved trivalve speculum, invented some few years since, is generally commended and extensively used by the profession. In Aug., 1866, he was appointed lecturer on, and in 1867, prof. of physiology and histology in the Chicago med. coll., and has since filled this chair. He married, Nov. 24th, 1862, Sarah H., daughter of Clark Travis, Esq., of Hollis-ton, Mass.

WITMER, ABRAHAM H., Washington, D. C., of American parentage, of Swiss origin, was born near Lancaster, Pa., April 10th, 1845. He was educated in Wilmington, Del., and pursued his medical studies at Jefferson med. coll., from which he graduated M. D. in March, 1866. He located himself first in Mt. Joy, Pa., and after a residence there of eighteen months became ass't phys. of the insane dep't of the Philadelphia almshouse. He held this position till 1872, when he became surg. of the steamship Pennsylvania, and was with her at the time of the disaster in 1873. In the same year he returned to the almshouse at Philadelphia, and in 1876 became ass't phys. for the Government hosp. for the insane at Washington, D. C. His specialty is insanity and nervous diseases. He is a member of the Am. med. asso., elected in 1871. During 1869–70–71 and 1872 taught anatomy in "Richardson's Quiz," and the anatomical rooms of the Jefferson med. coll.

WOOD, THOMAS FANNING, Wilmington, N. C., son of Robert and Mary A. Wood, of Nantucket, Mass., was born Feb. 23d, 1841. He received a common and high school education, and pursued his medical studies in the Va. med. coll., Richmond, obtaining an hon. degree from the univ. of Maryland in 1868. He established himself in practice in Wilmington. He is a member of the New Hanover co. med. asso., its president in 1875; of the N. C. State med. soc., and board of med. examiners, its secretary from 1867 to 1872; and secretary of the State board of health. He is the author of a paper on the "Non-Identity of Variola and Vaccinia," and of various papers, etc., on "Sources of Vaccinia," and "Vaccino-Syphilis," published in the Transactions of the med. soc. of N. C. He was phys. to the Wilmington small-pox hosp. during 1865 and 1866, and during the war, from 1863 to 1865, was ass't surg. in the Confed-

erate States army. He is a member of the historical and scientific soc. of Wilmington, and is chairman of its botanical section.

FORBES, SAMUEL FRANKLIN, Toledo, O., great-grandson of Samuel Forbes, of Canaan, Conn. (a descendant of a Scotch family, who was one of the first to develop the coal and iron interests of Pennsylvania, and made cannon for Washington's army during the revolutionary war). His literary education was obtained partly under private tutors, and his medical studies were pursued in the office of Dr. S. L. Heath, Kingston, N. Y., and at the univ. of the city of New York, whence he graduated M. D. in March, 1850. After spending nearly two years in Ward's island hosp., he settled in Toledo in 1852, in general practice, but making surgery his specialty. He is a member of the Am. med. asso.; of the Ohio State med. soc., is now its senior vice-president; and of the Northwestern Ohio and Toledo med. asso., was president of the latter in 1876. He is the author of a "New Amputation Through the Foot," read before the Ohio State med. soc. in 1875, and a paper on "Manipulations in Reduction of Dislocations," *ibid.*, 1877. He was two years surg. of the 67th reg. Ohio vol. infantry, in the field, and part of the time acted as brigade, division, and corps surg. He was six years U. S. marine hosp. surg. for the post of Toledo; ten years phys. to Lucas co.; four years city phys., and one year health officer of the city. He has been for seven years and is now surg. of the Lake Shore & Michigan Southern railroad, and is medical director of the Ohio mutual benefit association. In June, 1855, he married Mary J., daughter of late Hon. William H. De Forrest, Esq., of Kingston, N. Y.

ROBERTS, HIRAM S., Manhattan, Kansas, was born in Galesburg, Ill., Oct. 6th, 1840. Having graduated B. A. from Knox coll., Galesburg, in 1861, he entered Jefferson med. coll.; was graduated thence M. D. in March, 1866, and in the ensuing May established himself as a general practitioner in Manhattan. He is a member of the Kansas State med. soc., has several times been a member of the board of censors, and was, in May, 1876, elected president. Among his contributions to professional literature may be mentioned: "Section of the Fore-Arm by a Saw," *Medical Herald*, Aug., 1871; "Fracture of the Lower Extremities," *ibid.*, Nov., 1873; "Hydrophobia from the Bite of a Skunk," Proceedings Kansas State med. soc., 1876. He was elected city treasurer in 1873–74 and 1875; has been several times elected coroner of Riley co., and at present (1877) occupies that position. He is also a member of the city board of education. During the late war he served for three years as acting ass't surg. to the 83d Illinois reg., being detailed as hosp. steward.

LEWIS, ERNEST SYDNEY, New Orleans, La., was born in New Orleans, Sept. 24th, 1840. His ancestors were among the early settlers in Virginia, and took active part in the revolutionary war. He graduated from the collegiate dep't of the univ. of La., and also M. D. from the med. dep't of the same institution in 1862, settling immediately after in New Orleans. He is a member of the New Orleans med. and surg. asso., and during 1862 was ass't house surg. of the Charity hosp., and acting house surgeon in latter part of 1862 and commencement of 1863. He also filled the chair of mat. med. and therap. in the med. dep't of the univ. of La., and is now prof. of obstetrics and of diseases of women and children in the same institution. In 1866 he married Susan D. P. McCoy, daughter of Rev. A. D. McCoy, Esq., of New Orleans.

BARTLETT, JOHN KNOWLTON, Milwaukee, Wis., was born at Portsmouth, N. H., Feb. 28th, 1816. He is a descendant of Richard Bartlett, who came from England to Newbury, Mass., in 1635; the family name in England was Bartellot. The records in the old church at Stopham, England, where the English representative of the family now lives, run back to John Bartellot, born in the early part of the 13th century. Dr. Bartlett prepared for college at Phillip's acad., Andover, Mass.; graduated at Yale coll. in 1838; and studied medicine at the New Haven med. coll., from which he received his degree in 1841. In the spring of that year he settled at Milwaukee, which then contained only eighteen hundred inhabitants, and has resided there ever since, being now, with one exception, the oldest physician in residence. Though in general practice, he has for the past ten or twelve years given especial attention to the diseases of women. He is a member of the Am. med. asso., of which he was vice-president in 1872; of the State med. soc. of Wis., of which he is now president; and was elected one of the vice-presidents of the International med. congress at Philadelphia, in 1876. His literary contributions consist of papers in the Transactions of the State med. soc., and occasional articles in medical journals. At the beginning of the civil war he was appointed by the governor of Wisconsin brigade surgeon; but under the

pressure brought to bear by his patients was constrained to resign. He was married in 1838 to Mary E. Elliot, of New Haven, Conn.; she died. On Jan. 20th, 1877, he married Harriet N. Keeler.

FIELD, HENRY MARTYN, Newton, Mass., son of John and Sarah E. Worcester Field, a great-grandson of the Rev. Noah Worcester, D. D., and nephew of the late Dr. Noah Worcester, of Cincinnati, was born at Brighton, Mass., Oct. 3d, 1837. Graduating from Harvard, A. B., in 1859, he entered the coll. of phys. and surg., New York, whence he received his degree of M. D. in 1862. For somewhat more than a year after his graduation he served as acting ass't surg. in the U. S. army; subsequently practised in New York for four years, and has been since 1867 resident at Newton. While engaged in a large general practice, he has made a specialty of uterine diseases. In Dec., 1869, he was one of the corporators of the Boston gynæcolog. soc., of which he has since continued to be a prominent member; he is also a member of the Mass. med. soc.; fellow of the New York acad. of med., etc. His contributions to medical literature have been restricted to papers published in the Transactions of various societies, and in medical journals; among his more noteworthy papers being: "Notes on an Epidemic of Typho-Typhoid Fever, in New York city;" "Treatment of Dyspepsia by Physiological Remedies;" "Indications for use of Suppositories, Rectal and Vaginal;" "Digitalis," etc. In 1872 he was elected prof. of therap. in Dartmouth med. coll., a position that he still holds. He was married, Oct. 20th, 1863, to L. Morgie, daughter of A. G. Peck, Esq., of Boston.

CABELL, J. G., Richmond, Va., son of Judge William H. Cabell, of Virginia, was born in the county of Buckingham, Va., June 17th, 1817. He was educated at private schools, at the academy in Richmond, Washington coll., Lexington, Va., and at the univ. of Va.; attended the med. dep't of the univ. of Va., continued his studies at the Baltimore almshouse, and graduated M. D. at the univ. of Md., in 1840. He subsequently visited Paris, continuing his studies in that city, and on his return settled in Richmond. He has been a member of the Richmond acad. of med., of which he was president in 1875, of the Virginia State med. soc., and of the Am. med. asso. He entered the military service of the Confederate States at the beginning of the late war as captain of cavalry, and was afterwards promoted to the rank of colonel, in which position he served for a year. Returning to Richmond, he was appointed surgeon, and was assigned to duty in charge of one of the divisions of Jackson hosp., near Richmond, remaining there till the close of the war, excepting when on duty as ambulance surgeon. He is a member, and for ten years has been president of, the board of health of Richmond; also of the State board of health of Virginia.

BUNZ, HARTWIG, Savannah, Ga., was born in the city of Glückstadt, in Holstein, Germany, Oct. 23d, 1846. He was educated at the gymnasiums of Glückstadt and Meldorf, and in the universities of Copenhagen, Denmark, and of Greifswald, in Pomerania, Prussia, graduating in July, 1871. He was first physician on board the emigrant line of steamers of the Hamburg-American packet company; then he settled in New York; but subsequently left that city and located in Wilmington, N. C., in 1875. In Sept., 1876, he removed to Savannah. He is a member of the Ga. med. soc. He served as a volunteer surgeon in the hospital at Hamburg, Germany, and in the military small-pox hospital at Sralsund, Prussia, from the beginning of the last Franco-German war to the end of March, 1871. He volunteered his services during the yellow fever epidemic in Savannah, Ga., 1876; and was the recipient of a gold medal from the city of Savannah for his services rendered on that occasion.

CHANDLER, JOHN LOCKE, St. Albans, Vt., son of Dr. Benjamin Chandler, and Caroline (Bushnell) Chandler, of Vermont, was born at Pawlet, March 4th, 1793. His education was obtained at home and at the schools of St. Albans; he also studied as a private pupil with Rev. Dr. Sanders, president of the univ. of Vt. He pursued the study of medicine with his father, and although attending medical lectures at Castleton, did not graduate at any med. coll. He, however, in 1836, received an honorary degree of M. D. from the Castleton med. coll. He commenced practice first at St. Albans, in 1818, then removed to Pawlet, in 1821; but in 1824 returned to St. Albans on a formal invitation of the people of that town, and he at once entered into an extensive practice of medicine and surgery, which he retained till he retired from active labor in his seventy-fifth year. In the course of his long life he has performed a number of capital operations with success. He has also been eminently successful in those he has performed for cataract, hernia, etc. He has held the office of president of the Vt. med. soc., of Franklin co. med. soc.; and is a member of the

St. Albans village med. asso. For many years he was a frequent contributor to medical journals, especially to the *Boston Medical and Surgical Journal*, over the signature, "Lamoile." Among these contributions was a series discussing Mr. Willard's theory of the forces concerned in the circulation of the blood. During the war he occupied the position of surgeon of the board of enrolment. In 1818 he married Sabina H. Curtis, of Troy, N. Y., aunt of the Hon. J. Gregory Smith, ex-governor of Vermont. She died in Oct., 1871.

BROWN, HARRY WYRE, Waco, Texas, of English parentage, was born in Savannah, Ga., Oct. 10th, 1827. He was educated at the high school of Rev. Dr. Beaman, and studied medicine under Dr. John H. Whittaker, of New York, and in the coll. of phys. and surg., as well as in the med. dep't of the univ. of New York, graduating M. D. in 1848. He first settled in Griffin co., Ga.; removed to Atlanta in 1855, where he aided in establishing the Atlanta medical college, when he filled the chairs of general and descriptive anatomy and chemistry, until it was suspended by the civil war, in 1861. He was commissioned surgeon in the Confederate States army, and continued in that position till the surrender of Lee, when he settled in Texas. He is a member of the Waco med. asso., chairman three times; of the State med. asso. of Texas, once its president; and permanent member of the Am. med. asso., its vice-president in 1874. He married in 1869.

FORD, CORYDON L., Ann Arbor, Mich., born at Lexington, Greene co., N. Y., Aug. 29th, 1813; was educated at the Canandaigua acad., and graduated from the Geneva med. coll., Jan. 25th, 1842, settling first at Medina, Orleans co., N. Y., from which he removed to Ann Arbor, Mich., his present residence. From 1842 to 1848 he was demonstrator of anatomy in the Geneva med. coll., and from 1847 to 1851 in the med. coll. at Buffalo; was prof. of anatomy in the Castleton (Vt.) med. coll. from 1849 to 1861; prof. of anatomy and physiology in the Berkshire medical institution from 1860 to 1867, and in the medical school of Maine from 1864 to 1870; and in 1854 entered the med. dep't of the univ. of Mich., in which he has lectured ever since, taking in 1868, besides, the chair of anatomy in the Long Island coll. hosp., which, too, he still fills, lecturing there half the year, beginning Oct. 1st. He is a permanent member of the Am. med. asso. He has prepared systems of questions on different branches of medical science, comprising questions on anatomy, on histology, and physiology, and on the structure and development of teeth for dental students. He was married to Mrs. Messer, of Pittsfield, Mass., in April, 1865.

FARNSWORTH, PHILO JUDSON, A. M., M. D., prof. of mat. med. and diseases of children, Iowa State univ., born in Westford, Chittenden co., Vt., 1832. Fitted for college at Claranceville, Canada; entered univ. of Vt., 1850; graduated, 1854; attended lectures in the med. dep't of the univ. of Vt. and received the degree of M. D. and A. M., 1858; practised medicine at Philipsburg, Canada, until 1860; received the degree of M. D. from coll. of phys. and surg., New York, 1860. Moved to Lyons, Iowa, 1862; moved to Clinton, Iowa, 1866; elected to the chair of mat. med. and diseases of children in the State univ. of Iowa, 1869. Member of the State med. soc., Am. med. asso.; president Clinton co. med. soc.; member of Am. scientific asso.; U. S. pension examiner. Author of numerous papers on medical subjects in various medical journals, chiefly in *Medical and Surgical Reporter*, Philadelphia. Read a paper on therapeutics of ammonia before the Am. med. asso., June, 1873. Has written a course of lectures on materia medica; also preparing for the press a course on the diseases of young children; has paid considerable attention to local geology and archæology. Read a paper before the Iowa nat. hist. soc. on Indian mounds, 1876. Married Mrs. E. B. D. Eaton, of Gardiner, Maine, 1872. Residence, Clinton, Iowa.

COWAN, GEORGE, Danville, Ky., of Scotch-Irish ancestry, was born in Mercer co., Ky., Jan. 31st, 1833. He was educated at Centre coll., Danville, and studied medicine in the Jefferson med. coll. He graduated at the former A. B. in 1851, and A. M. in 1857, and from the latter M. D. in 1855. He first located himself in Springfield, Ill., afterwards in Louisville, Ky., and finally settled in Danville. His practice is general, and during his career he has successfully performed some of the more important surgical operations, such as for calculus, amputation of thigh, through the shoulder-joint, for atresia vagina, etc., etc. He is a member of the Am. med. asso., of the Central Ky. dist. asso., of the Boyle co. med. soc.; of this he was president during parts of 1867 and 1868. His contributions to medical literature consist in a description of a modification of his own of Nélaton's soft gum catheter, in April number *American Journal Medical Sciences* for 1874; a case of uterine fibroids, treated with

ergotine hypodermically, *American Practitioner*, Aug., 1874; description of a modification of his own of Squire's vertebrated catheter, *ibid.*, Dec., 1874, etc. He was resident phys. of St. Joseph's hosp., Philadelphia, during 1855–56; contract surg. U. S. army hosp. at Danville, Ky., 1863; and for the past five years has been phys. to the Ky. institute for deaf mutes. In 1860 he married Letitia B. Craig, of Danville, Ky. She died in 1862. In 1864 he married Mrs. S.W. Taylor, of Danville, Ky.

COFFIN, AMORY, Aiken, S. C., son of Ebenezer Coffin, of Boston, and descendant of Tristram Coffin, was born on St. Helena Island, S. C., Dec. 25th, 1814. His education, literary, classical, and medical, was obtained at Charleston, New York, Göttingen, Berlin, Paris, clinic of Blockley hosp., and med. coll. of the State of South Carolina, graduating M. D. in 1838, and settling first in Charleston, and afterwards in Aiken, in general practice, but giving special attention to pulmonary diseases. He was formerly a member of the South Carolina State med. soc., and represented it as its delegate at the meeting of the Am. med. asso. held in Philadelphia, in 1855. His contributions to medical literature consist of various reviews and essays.

HUGHES, J. C., was born in Washington co., Pa., April, 1821; received his literary education at Jefferson coll., Cannonsburg; graduated in medicine at the univ. of Maryland in Baltimore, in 1845. Located as a practitioner of medicine in Mt. Vernon, Knox co., Ohio, 1845. In 1848 married the only daughter of Dr. D. L. McGugin, of Mt. Vernon. In 1850 moved to Keokuk, Lee co., Iowa, and became associated with the faculty of the coll. of phys. and surg., then the med. dep't of the Iowa State univ., located at Keokuk, first as demonstrator of anat., in 1851 as prof. of anat., and in 1853 as prof. of surg. and dean of the faculty, which positions he has continued to fill ever since. Has been twice president of the State med. soc., viz., 1856 and 1865. Was associate editor of the *Iowa Medical Journal*, and one of the representatives of the Am. med. asso. to the associations of Europe in 1866. Performed the operation of lithotomy in fifty cases with but five fatal results. Made report of four successful operations performed upon the same individual for stone in the bladder, published in the Transactions of the Iowa State med. soc., 1871; new operation upon the shaft of long bones, by which elongation, as well as straightening, may be secured; *ibid.*, 1871. Was surg. general of the State of Iowa, and president of the board of med. examiners of the State during the war. His son, J. C. Hughes, Jr., M. D., is now prof. of anat. in the coll. of phys. and surg. at Keokuk.

EARLE, PLINY, Northampton, Mass., a descendant of Ralph Earle, who, with nineteen others, successfully petitioned King Charles, in 1638, for permission to form themselves into a body politic of the island of Rhode Island, and son of Pliny Earle, who made the clothing for the first cotton-carding machines moved by water-power in America, was born in Leicester, Mass., Dec. 31st, 1809. He received his literary and classical education at Leicester acad., Mass., and at Friends' school, Providence, R. I., and pursued his medical studies in the med. dep't of the univ. of Pa., whence he graduated M. D. in March, 1837 He first settled in Philadelphia, but shortly after became resident phys. to the Friends' asylum for the insane at Frankford, Philadelphia co In 1844 he was appointed superintendent of the Bloomingdale asylum for the insane, in New York city; in Feb., 1853, visiting phys. of the New York city lunatic asylum, Blackwell's island; and in 1864 superintendent of the State lunatic hosp. at Northampton, Mass. In the winter of 1840–41, while at Friends' asylum, he delivered before the patients a course of lectures upon natural philosophy, illustrated by experiments; the first known attempt to address an audience of the insane in any discourse other than religious. After graduating he paid a first visit to Europe, where he remained two years; one in the med. schools and hosps. of Paris; and the other in a tour of general observation, in which he visited various institutions for the insane, from England to Turkey. He again went to Europe in 1849, and visited thirty-four institutions for the insane in England, Belgium, France, and Germany. In 1871 he went a third time, and visited forty-six similar institutions, from Ireland to Austria and Italy. He was one of the original members and founders of the Am. med. asso., as well as of the asso. of med. superintendents of American institutions for the insane; the New York acad. of medicine; and the New England psycholog. soc., of which last he was the first president. He was elected a member of the Philadelphia med. soc. in 1837; of the New York med. and surg. soc. in 1845; of the Massachusetts State med. soc. in 1868; of the Am. philosoph. soc. in 1866; fellow of the New York coll. of phys. and surg. in 1846; councillor of the Massachusetts med. soc. in 1876; and corresponding member of the

med. soc. of Athens, Greece, in 1839. He is also a member of the Am. social science asso. His contributions to medical literature have been voluminous. Among those which have been published in book or pamphlet form are: "A Visit to Thirteen Asylums for the Insane in Europe," 1841; "Blood-letting in Mental Disorders," 1854; "Institutions for the Insane in Prussia, Austria, and Germany," 1854; "Psychologic Medicine, its importance as a part of the Medical Curriculum," 1867; "The Psychopathic Hospital of the Future," 1867; "Prospective Provision for the Insane," 1868; and "The Curability of Insanity," 1877. Among his papers published in medical journals are: "Climate, Population, and Diseases of Malta;" "Medical Institutions and Diseases at Athens and Constantinople;" "The Pulse of the Insane;" "The Inability to Distinguish Colors;" "Experiments to Discover the Psychological Effects of Conium Maculatum;" "Paralysis Peculiar to the Insane," etc., etc. In 1863 he was appointed prof. of materia medica and psychology in the Berkshire med. institute, Mass. He was for several years a member of the board of health for Northampton; and he now holds the position of justice of the peace in Hampshire co. His medical life has been devoted chiefly to the specialty of insanity.

CHOPPIN, SAMUEL, New Orleans, La., son of Paul and Eliza (Sherburne) Choppin, the former of French birth, the latter a daughter of Samuel Sherburne, Esq., of New Hampshire, who, when he was American consul at Nantes, France, married Rose Dubois de la Corbière, was born in West Baton Rouge, La., Oct. 20th, 1828. Having received his preparatory education at Jefferson coll., Louisiana, he entered the med. dep't of the univ. of Louisiana, was graduated thence M. D. in April, 1850, continued his professional studies during the ensuing four years in England, France, and Italy, and in 1854 established himself as a surg. in New Orleans. Of his more important cases may be mentioned: removal of uterus and ovaries; thirteen operations (eleven successful) for stone in the bladder; removal of scapula; direct transfusion of blood from artery to vein, in Aug., 1874, for post-partum hemorrhage, recovery; several radical cures of hernia, by Wood and Wurtza's method; and resection of entire radius; three operations of ovariotomy (one successful). During the war numerous resections of shoulder, elbow, knee and hip-joints, records of which were lost during the surrender. Recently performed direct transfusion with lamb's blood from carotid artery of lamb to basilic vein of patient. In 1853–54 he published "Notes on Syphilis," translated from lectures in 1851–52, by Ricord. From 1854 to 1857 he edited *The New Orleans Medical News and Hospital Gazette*, and to this and to other professional periodicals has contributed a number of papers and reports. Of these the following are of especial interest: "Ligation of Brachial Artery," *Medical News and Hospital Gazette*, April, 1854; "Removal of Uterus and Ovary," *Southern Journal of Medical Sciences*, 1866. He is a member of public health asso., elected in 1874; and of Louisiana State board of health, president in 1855. From 1855 to 1867 he was prof. of surgery in the New Orleans school of medicine; since 1874 has been prof. of clinical surgery in the Charity hosp. med. coll., and from 1853 to 1858 was house surg. to the Charity hosp. In 1861 he was commissioned a surg. in the Confederate States army, and was promoted to be med. director in 1862, and to be med. inspector general, the highest office in the service, in 1863. This latter position he retained until the end of the war. Was appointed after the restoration of the State government to the people, president of the board of health of the State of Louisiana. He married (1) in Oct., 1857, Selina, daughter of Daniel Roberts, Esq., of Guernsey, England; and (2) in Oct., 1862, Amelia, daughter of Dr. James Metcalfe, of Adams co., Miss.

STATON, LYCURGUS LAFAYETTE, Tarboro', N. C., was born in Edgecomb co., N. C., Feb. 1st, 1849. He was educated at the Virginia military institute, and studied medicine at the coll. of phys. and surg., New York, and at the univ. med. coll., New York, graduating M. D. in March, 1870, and settling in Tarboro'. Among the successful operations which he has performed is that of the extraction of a minie ball from the bladder of an officer after it had been in twelve years. He is a member of the North Carolina med. soc., and is the author of reports of some cases which have been published. He holds the position of visiting phys. to the county almshouse. In Nov., 1871, he married Kate E. Baker, daughter of Dr. Wm. S. Baker, of Tarboro', N. C.

STEARNS, HENRY PUTNAM, Hartford, Conn., son of Asa and Mary (Putnam) Stearns, was born in Sutton, Mass., April 18th, 1828, graduating B. A. from Yale coll. in 1853; he attended lectures in the Harvard and Yale med. schools; was graduated M. D. from Yale coll. in 1855, and

during the ensuing two years continued his professional studies in Edinburgh. Returning to America in 1857, he established himself at Marlboro', Mass., removing thence in 1859 to Hartford. Since 1873 he has been superintendent of the Hartford retreat for the insane. He is a member of the Connecticut State med. soc.; of the Am. asso. for the advancement of science; of the New England psycholog. soc., etc. Of his professional publications may be mentioned: "The Discovery of Modern Anæsthesia, A Critique," *New York Medical Record*, 1876; "Fracture of the Base of the Skull," *American Journal of Medical Science*, 1866; "The Use of Chloral Hydrate," Transactions Connecticut med. soc., 1874; "Address to the Graduating Class at Yale med. coll.," 1875, published by the faculty; "Yearly Reports of the Retreat," etc., etc., 1875–76–77. In May, 1861, he was appointed surg. to the 1st Connecticut reg.; at the expiration of his three months' term of service was appointed surg. U. S. vols., and in this capacity served until Sept., 1865, when he was honorably discharged, after receiving the brevet rank of lieut.-col.

DOW, THOMAS CHALMERS, Nashville, Tenn., born in Augusta, Ga., Nov. 10th, 1845, is the eldest son of Rev. John R. and Catharine E. Dow, of South Carolina. He received a thorough academic and classical education; graduated in medicine from univ. of Nashville, 1867, after studying under Profs. Paul F. Eve and Joseph Jones; was for several years permanent secretary of Marengo co., Ala., med. asso.; delegate from Alabama to International med. congress 1876; author of various papers in medical journals. In Aug., 1876, was elected prof. of gynæcology and diseases of children in the Nashville med. coll., which position he still holds. In 1870 married Martha Ambrose, daughter of late Hon. John B. Rains, of Alabama.

PORTER, CHARLES BURNHAM, Boston, Mass., son of Dr. James B. Porter, of Rutland, Vt., and Harriet (Griggs) Porter, and grandson of Dr. James Porter, was born in Rutland, Vt., Jan. 19th, 1840. His literary and classical education was obtained in Harvard coll., and he pursued the study of medicine in the med. dep't of the same institution, graduating M. D. in 1865, and settling in Boston. He is visiting surg. Mass. general hosp., demons. of anat. and instructor in surg. in the Harvard med. coll. He is a member of the Boston societies for med. improvement and for med. observation, and of the Suffolk district med. soc.

OTIS, FESSENDEN NOTT, New York, son of Oran Gray Otis and Lucy (Kingman) Otis, was born at Ballston Spa, Saratoga co., N. Y., May 6th, 1825. He was educated at the Canandaigua and Fairfield acads., and received his literary degrees from Union coll., Schenectady, N. Y. He studied medicine in the New York med. coll., and at the coll. of phys. and surg., New York; graduated M. D. at the former in 1852; he also received the honorary M. D. from the latter in 1864. He was first at Blackwell's island hosp.; in 1853 he became surg. on the U. S. mail steamship company, a position he held till 1860; he has since resided in New York. He is president of the med. board of the Strangers' hosp., New York; fellow of the New York acad. of med.; member of the New York co. med. soc.; of the New York pathol. soc.; of the New York dermat. soc.; of the New York med. and surg. soc.; British med. asso., etc., etc. His contributions to medical science consist, among other papers, of a pamphlet on "The Physiology of Syphilitic Infection," *New York Medical Gazette*, 1872; "Monographs on Urethral Strictures and Various Diseases of the Male Genital Organs," *New York Medical Journal;* "Archives of Dermatology," etc., from 1870 to 1877. He was appointed lecturer on genito-urinary organs in the coll. of phys. and surg., New York, in 1862; clinical prof. in same institution, in 1871; was president of the board of surg. of New York police department, 1870 and 1872; superintending surg. Pacific mail steamship company, 1869 to 1873; president of the med. board of Strangers' hosp., New York, 1871 and 1873; honorary advising phys. of Artists' fund soc.; visiting surg. of Charity hosp. since 1873; consulting surg. of St. Elizabeth's hosp. since 1876; consulting surg. of New York colored orphan asylum; clinical prof. of venereal diseases at the coll. of phys. and surg., New York; surg. to the genito-urinary dep't of the Strangers' hosp., above mentioned, etc., etc. In 1859 he married Frances H., daughter of Apollos Cooke, of Catskill, N. Y.

LINTHICUM, DANIEL A., Helena, Ark., of Welsh-German descent, was born in Nelson co., Ky., June 15th, 1827. Having received an academical education, he entered the St. Louis univ., and was graduated thence M. D. in 1848. In 1870, having duly attended lectures, he was graduated M. D. from Washington univ. From 1848 to 1861 he practised medicine in McLean co., Ky., and in 1867 established himself in Helena. He is a member of the Phillips co. med. soc., president in 1872; of the

State med. soc. of Ark., president in 1872; and of the Am. med. asso. His most important published work is "The Water Supply of Arkansas, with its Relation to the Diseases of the State," and "Hygiene and State Medicine in Arkansas," Transactions Am. med. asso., 1875–76. In 1861 he was appointed surg. to the 8th Ky. reg.; was commissioned surg. Confederate States army, in October of the same year; was promoted to chief surg. in Cleburne's div., Hardie's corps, in 1863, and in this capacity served until the surrender of Gen. Joseph E. Johnston, in North Carolina, in 1865. He married, in 1848, Phebe C., daughter of Paschal Johnson, Esq., a planter of Daviess co., Ky.

KNOTT, JAMES JERROLD, Atlanta, Ga., son of Dr. Edward Fowlks Knott, formerly of Griffin, Ga., now of Hampton, Henry co., Ga., and Mary A. (Crenshaw) Knott, of Virginia, was born in McDonough, Henry co., Ga., June 16th, 1839. He was educated at private schools in Griffin, Ga., and studied medicine at the Atlanta med. coll. in 1858 and 1859, and in Paris in 1859 and 1860, graduating in 1859; settling first in Griffin, and after the war, in 1865, in Atlanta. He is a member of the Fulton co. med. soc., and of the med. asso. of Ga. His contributions to medical literature consist of "Cases of Excision of the Elbow-Joint," *Atlanta Medical and Surgical Journal*, 1865; "Creosote as a Remedy in Diphtheria," *ibid.*, 1865; "Calomel in the Treatment of Tetanus," *ibid.*, 1867; "Large Doses of Bromide of Potass. as a Remedial Agent," *Medical and Surgical Reporter*, 1867; "Total Excision of Wrist-Joint," *ibid.*; "Creosote as a Cure for Nurses' Sore Mouth," *ibid.*; "Cimicifuga," *Medical and Surgical Repertory*; "Large Doses of Bromide of Potass., Calomel, Quinine, etc., in Cerebro-Spinal Meningitis," *ibid.*; "Strangulated Hernia Complicated with Hydrocele of Cord and Scrotum," *Louisville Medical News*, 1877; "Injection of Carbonate of Ammonia into the Veins in Rattlesnake Bite," *Medical and Surgical Reporter*; "Nitrate of Silver in Orchitis," *ibid.*; "Report of Resections, Amputations and Ligations, and Gunshot Wounds," surgeon-general's office. He entered the Confederate army as a private in March, 1861; was assigned to duty as ass't surg., 4th reg., Ga. State troops, same year; after acting on the examining medical board, near Brunswick, Ga., was ordered to Savannah; subsequently appointed ass't surg. of the 53d Ga. reg.; and placed in charge of various hospitals in that State; was present with his regiment in the seven days' fight before Richmond; in the Maryland campaign, at Sharpsburg; subsequently at Fredericksburg, remaining off and on, in hospital duty, etc., here till June, 1863; was afterwards at Gettysburg; with Bragg at Chickamauga, at Knoxville, and again with Lee, at Gordonsville, Wilderness, and Petersburg; promoted to surgeon, 1864; while sick was placed in charge of the hospital at Augusta, where he remained till Johnston's capitulation. He was prof. of anat. and clin. surg. in middle Georgia med. coll. at Griffin, and one of the editors of the *Medical and Surgical Repertory*. In October, 1868, he married Fannie E., daughter of James Howe, Esq., of Louisville, Ky.

LAZZELL, JAMES McLANE, Fairmont, West Va., of French ancestry, was born near Morgantown, Monongalia co., West Va., Nov. 28th, 1824. He was educated at Monongalia acad., and studied medicine in the Philadelphia coll. of med., and at the Jefferson med. coll., Philadelphia; graduating at the former in 1853, and at the latter in 1856. He located himself first at Blacksville, Monongalia co., in 1851, but settled in Fairmont in 1857. He is a member of the med. soc. of the State of West Va.; elected vice-provost of the same, 1867, secretary in 1869, and president in 1871; and permanent member of the Am. med. asso. His contributions to professional literature consist of an essay on "Stimulants in Acute Diseases," and on "Contagion in Typhoid Fever," delivered before the State med. soc. in 1876 and 1877. He is president of the Marion co. agricultural and mineral asso., and of the Fairmont town hall asso.; he is also a member of the Fairmont town council. During the war he was one of the surgeons of the prison hosp. at Camp Chase, O., 1864–65. He is likewise one of the physicians of the Baltimore & Ohio railroad company. In Dec., 1870, he married N. Florence, daughter of Dr. E. Conaway, late of Fairmont, West Va., life-member of Alumni asso., Jefferson med. coll., Philadelphia.

MCCORMICK, HORACE G., Montoursville, Pa., son of S. T. McCormick, Esq., of Williamsport, Pa., and of Ellen (Miller) McCormick, was born in Washington township, Lycoming co., Pa., May 15th, 1850. He was educated at Williamsport high school, and studied medicine under Drs. Pollock and McVickers, of Williamsport, and at the Jefferson med. coll., graduating from the latter M. D. in 1874. He settled in Montoursville. He is a member of the Lycoming co. med. soc.; was its secretary in 1876, and is now its censor.

He is also coroner of Lycoming co. In Dec., 1875, he married Margaretta, daughter of George Hill, Esq.

GOODBRAKE, CHRISTOPHER, Clinton, Ill., son of John and Maria Barbara (Dressel) Goodbrake, was born near Stuttgard, Germany, June 14th, 1816. He came to this country in 1821 with his parents, who settled near Salem, Columbiana co., O., where he received a common-school education. He studied medicine three years, and located in Portsmouth, O., in 1840; then in Allegheny City, in 1843, and in Clinton, in 1847. He attended lectures in the Rush med. coll., Chicago, and graduated in Feb., 1855. He is a member of the De Witt co. med. soc., was its president in 1856; of the Illinois State med. soc., president in 1857; and member of the Am. med. asso. Among his various contributions to medical literature is the report of "Case of Extra-Uterine Pregnancy," *Chicago Med. Jour.*, 1860. He entered the service as surg. of the 20th Ill. infantry, in June, 1861; was soon after detailed as surg.-in-chief of the 3d division, 17th army corps, in which capacity he served until Sept., 1864. He has been mayor of the city of Clinton, and is at present president of the board of education of the Clinton schools.

GILLETTE, WALTER R., New York city, of French and Scotch descent, with a dash of the Welsh, was born in Philadelphia, Pa., Jan. 16th, 1840. He was educated at Union coll., and at Madison univ., in New York, and graduated from the coll. of phys. and surg. of New York city in 1864, settling permanently in New York. He was adjunct prof. of obstetrics and gynæcol. in the med. dep't of the N. Y. univ., resigning in June, 1876. He is a member of the N. Y. co. med. soc., the N. Y. obstet. soc., and the N. Y. medico-legal soc. He is a contributor to various medical journals. He is visiting phys. to Charity hosp., lying-in and gynæcol. dep't, visiting phys. N. Y. lying-in asylum, and visiting phys. to St. Francis hosp. He was surg. to the N. Y. post-office dep't for several years, and during the civil war was for some time an ass't surg. He is medical examiner for the Mutual life insurance co., New York. He was married June 1st, 1871.

FISHER, GEORGE JACKSON, Sing Sing, N. Y., was born in West Chester co., N. Y., Nov. 27th, 1825, and is a descendant of the early Dutch settlers in New York, whose original name was Visscher. He received the honorary degree of M. A. from Madison univ., N. Y., in 1859, and studied medicine in the office of Dr. Nelson Nivison, prof. of physiol. and pathol. in the med. dep't of the Syracuse univ., and graduated M. D. in March, 1849, from the med. dep't of the univ. of the city of New York. He commenced practice in Mecklenburg, N. Y., in partnership with his preceptor, but removed to Sing Sing in 1851, where he performed successfully most of the principal surgical operations, among them the Cæsarean section, ovariotomy, and twice the ligation of the common carotid artery. He has been twice president of the West Chester co. med. soc. In 1864 he was vice-president of the N. Y. State med. soc., and its president in 1874; corres. member of the Boston gynæcol. soc., fellow of the N. Y. acad. of med., member of the N. Y. lyceum of natural history, and of the N. Y. hist. soc. He was delegate from the N. Y. State med. soc. to the International med. congress in Philadelphia, in 1876; permanent member of the N. Y. State med. soc., and of the Am. med. asso. He held the position of phys. and surg. to the N. Y. State prison at Sing Sing, during 1853 and 1854. He has contributed over thirty articles to medical journals and transactions, including an essay on "Double Monsters," Transactions med. soc. State of N. Y., 1865, 1866, 1867, and 1868; "Biographical Sketches of Deceased Physicians of West Chester County, N. Y." (1861); "On the Animal Substances employed as Medicines by the Ancients" (1862); "A Brief History of the Discovery of the Circulation of the Blood" (1877); "Teratology," *Johnson's Universal Cyclopædia*. He has accumulated a medical library of about three thousand volumes, and which contains many classical and antiquarian works referred to in the history of medicine, surgery, anatomy, botany, chemistry, alchemy, and magic. He served twenty years as brigade surg. national guard, State of N. Y.; on several occasions as volunteer surg. for the U. S. sanitary commission, after the great battles of the rebellion and in the transport of the sick and wounded. He has also been for many years examining surg. for U. S. pension commissioner, has been president of the village of Sing Sing.

BENNET, EZRA P., Danbury, Conn., of Scotch and English ancestry, was born at Weston, Fairfield co., Conn., Aug. 31st, 1806. He graduated in medicine at Williams coll. (connected with the Berkshire med. institution), Mass., in 1827, and settled in Danbury in general practice, but making a specialty of surgery. He has performed ovariotomy, lithotomy, operated for vesico-vaginal fistula, club-foot, hernia, cancer of the breast, etc. He is president of the Fairfield

co. med. soc., one of the trustees of the State lunatic hosp. at Middletown, and has held the position of justice of the peace and warden of the borough. His contributions to medical literature have been considerable to the periodicals of the profession, and mostly on surgical subjects. In 1829 he married Sarah M., daughter of Billy Canstock, Esq., of Reading, Conn. His son, Dr. C. W. Bennet, is connected with him professionally.

TIFFANY, LOUIS McLANE, Baltimore, Md., was born in Baltimore, Oct. 10th, 1844. His literary and classical education was obtained at the univ. of Cambridge, England, and for some years on the continent, whence he graduated A. B. in 1866; and he pursued his medical studies at the univ. of Maryland; graduating M. D. in 1868, and settling in Baltimore. He is a member of the med. and chirurgical faculty of Maryland; is chairman of surgical section of the Baltimore med. asso.; president in 1876 of the Baltimore clinical soc., vice-president in 1876–77; and of the Baltimore med. and surg. soc. He has contributed a few articles to medical journals. He has held the position of resident phys. at Baltimore almshouse; dispensary phys. univ. of Maryland; demons. of anat. in the same institution; prof. of anat. in the Maryland dental coll.; and is now one of the visiting med. officers to the Baltimore city almshouse; surg. to Baltimore infirmary; and prof. of operative surgery in the univ. of Maryland.

WILLIAMS, LEWIS, Pompet, Windham co., Conn., son of Job Williams, was born in Pompet, July 12th, 1815. He was educated at Amherst coll., and studied medicine at Dartmouth and Harvard univs., graduating M. D. from the latter in the spring of 1842. He is a member of the Connecticut med. soc., and of Am. med. asso. In May, 1843, he married Clara C., daughter of Benjamin Franklin Baldwin, Esq., of Woburn, Mass.

STEVENS, THADDEUS M., Indianapolis, Ind., was born in Indianapolis, Aug. 29th, 1830. He studied medicine at the Indiana central med. coll., and at the univ. of Pa., and graduated in 1853, settling first at Fairland, and afterwards removing to Indianapolis. His specialty is chemistry. He is a member of the Marion co. med. soc., Ind.; of the Am. med. asso.; of the Am. asso. for the advancement of science; and of the Am. public health asso. He was formerly editor of the *Indiana Journal of Medicine*, Indianapolis; is now ass't editor of the *Lancet and Observer*, Cincinnati; author of a pamphlet on "Expert Testimony," or, "State Boards of Health;" "Automatic Filtration," etc. He was formerly prof. of med. jurisprudence and toxicology in the Indiana med. coll., and coll. of phys. and surg., Indianapolis, Ind.

WOOLSEY, ELLIOTT H., Oakland, Cal., was born at Princeton, Monroe co., N. Y., Oct. 14th, 1844, of English and Scotch parentage. He was educated at Macedon acad., Macedon, N. Y., Lima coll., Lima, N. Y., and pursued his medical studies in the Buffalo med. coll., New York, whence he graduated M. D., Feb., 1868, settling first in Lapin co., Mich., then at Oroville, Cal., and finally at Oakland. He had, however, previously spent two years in the hosps. of London, Edinburgh, and Paris; six months in Bellevue coll. hosp., New York, and one year in St. Mary's hosp., Rochester, N. Y. He is a member of the California State med. soc.; of the San Francisco microscop. soc., and of the Alameda co. med. asso., elected censor of the latter Jan., 1877. He is the author of numerous reports of surgical and medical cases published in the Transactions of the California med. soc. He holds the position of surg. of Central Pacific R. R. Co., and is member of the board of health of Oakland, Cal.

TODD, WILLIAM S., Ridgefield, Conn., was born at Coleraine, Franklin co., Mass., Jan. 1st, 1840. He was educated at Deerfield acad., Mass., and at the Wesleyan univ., Middletown, Conn., and studied medicine at the coll. of phys. and surg., New York, graduating March, 1869, and settling in Ridgefield in general practice. He is vice-president of the Croton med. and surg. union, and member of prudential committee of the Fairfield co. med. soc. He has been school visitor for eight years in Ridgefield. In May, 1873, he married Mary Jane, daughter of Gamaliel Conkling, Esq., of Essex co., Conn.

NELSON, ABIEL W., New London, Conn., a descendant of Thomas Nelson and Hope Nelson, of La Reville, Plymouth co., Mass., was born at that place, Aug. 24th, 1835. He was educated at Brown univ., and studied medicine at the med. dep't of Harvard univ., graduating M. D. in 1861. He entered the army as ass't surg. of the 18th Mass. vols.; became ass't phys. of the Taunton, Mass., lunatic hosp. in 1864, and settled in New London in 1866, in general practice, but giving his attention principally to surgery.

He is a member of the Connecticut med. soc., and formerly of the Mass. med. soc. He is the author of "Sulphate of Iron in Diphtheria, with sixty cases," *New York Medical Journal*, Jan., 1874. He is examining surg. for U. S. pensions. In Nov., 1875, he married Jennie C., daughter of the late chaplain, Thomas G. Salter, U. S. navy.

WOODRUFF, LAFAYETTE, Alton, O., was born in Warren co., O., Dec. 27th, 1830. He was educated at the Lebanon acad., Lebanon, Warren co., O., and studied medicine at the Starling med. coll., Columbus, O., graduating M. D. in Feb., 1852, and settling in Alton, Franklin co. He is a member of the Ohio State med. soc.; of the central Ohio med. soc., was vice-president of the latter in July, 1876. During the war he was ass't surg. of the 57th reg. Ohio vol. infantry. In Nov., 1856, he married Maria L. Golliday; she died in Jan., 1872. In March, 1874, he married Mary L., daughter of Rev. John Miller, of Wauseon, Ohio.

WOOD, GEORGE G., Muncy, Pa., son of Thomas and Margaret Wood, of Anglo-German extraction, was born at Muncy, Lycoming co., Pa., March 19th, 1848. He was educated at the high school at Jersey Shore, and studied medicine at the Jefferson med. coll., Philadelphia, graduating in March, 1872, and settling in Muncy, in general practice, but making a specialty of diseases of children, and diseases of the nervous system. He is a member of the Muncy Valley med. soc., and has been its recording secretary since 1873. He is the author of a book on the "Management of Infants and Young Children," and has been an occasional contributor to the *Philadelphia Medical Times*, on "Sycosis," "Spasmodic Asthma," etc., etc. In Sept., 1874, he married Jennie, daughter of Hezekiah Noble, Esq., of Muncy.

EASTMAN, BARNARD DOUGLAS, Worcester, Mass., of mixed Welsh and Scotch ancestry, was born at North Conway, N. H., Feb. 5th, 1836. He was educated at a local acad., and studied medicine at the coll. of phys. and surg., New York, graduating M. D. in March, 1862. He became ass't phys. to the New Hampshire asylum for the insane, a position he held three years; was seven years ass't phys. of the government hosp. for the insane, at Washington, and is now superintendent of the Worcester lunatic hosp., having been appointed to this position in 1872. His specialty is psychological medicine. He is a member of the asso. of medical superintendents of American institutions for the insane; of the Mass. med. soc.; of the New England psycholog. soc., is secretary and treasurer of the latter. His contributions to medical literature are confined to reports of the institutions with which he has been connected. He devised the plan of the new buildings for the Worcester lunatic hosp., and is medical superintendent of their erection. In 1865 he married Caroline W., daughter of Geo. W. Ely, Esq., of St. Johnsburg, Vt.

NOYES, JAMES FANNING, Detroit, Mich., of English Puritan ancestry, who settled in Newburyport, Mass., about 1630, was born in Kingston, R. I., Aug. 2d, 1817. He was educated at Kingston acad., and at the Kingston Latin school, at (Waterville coll. now) Colby univ., Me.; studied medicine with Dr. J. F. Potter, of Waterville, at Harvard med. school, and at Jefferson med. coll., graduating M. D. from the latter in March, 1846. He attended lectures at the univ. of New York, in 1847, and was assist. phys. at the U. S. marine hosp. at Chelsea during the same year. He settled at Waterville in 1849, and in Cincinnati in 1851. In 1855 he visited Europe, and studied ophthalmology with Dr. A. Von Graefe, of Berlin, in that year; also in Vienna in 1856, and in Paris in 1858 and 1859. He settled in Detroit in 1863. He is a member of the Michigan, Ohio, Maine, and Rhode Island medical societies, of the Am. ophthalmolog. and otolog. socs., and of the Am. med. asso.; president of the acad. of med., Detroit, in 1872; of the Detroit med. library asso., and of the Am. asso. for the advancement of science. He is prof. of ophthalmology and otology in the Detroit med. coll.; examining surg. for pensions, and surg. to Harper and St. Mary's hosps., Detroit. He is the author of a new method of operating for strabismus, and of numerous papers and contributions to medical literature, published in Transactions of Mich. State med. soc., *Boston Medical and Surgical Journal*, and *Detroit Review*, etc. Devotes special attention to treatment of diseases of eye and ear. Unmarried.

HUBBARD, SAMUEL T., New York, was born at Haddam, Conn., Feb. 19th, 1808. He was educated at the Garfield grammar school, Middletown, and Suffield acad., Conn.; and studied medicine with Amos S. Miller, of New York, graduating at the coll. of phys. and surg. of the univ. of the State of New York, in 1835. He is a member of the med. soc. of New York co.; of the New York acad. of med., of the Medical Journal asso., of the medico-legal soc., of the

society for the relief of widows and orphans of medical men, and of the phys. mutual aid asso.; was president of the first named in 1866 and 1867; was vice-president of the second named from 1873 to 1876; corresponding secretary from 1853 to 1858; trustee from 1862 to 1873, and re-elected in 1876. He holds the position of phys. to the Presbyterian hosp., consult. phys. to the New York dispensary, and trustee of the coll. of phys. and surg. In 1850 he married Mary H., daughter of Benjamin Hustace, of New York.

HENRY, MORRIS HENRY, New York, of English parentage, was born in London, England, July 26th, 1835. He was educated in London; in arts at Somerset House; subsequently in Belgium; and in the univ. of Vt.; graduated in medicine from the last-named institution in 1860, and received the honorary degree of A. M. in 1875. He settled in New York. He is a member of the New York acad. of med., med. soc. of the county of New York, Am. med. asso.; president of the alumni asso. of the univ. of Vt.; honorary secretary for New York of the anthropolog. soc. of London, and was for many years surg. to the New York and Northern dispensaries of New York. His contributions to medical literature consist of "Improvement in the Method of Examining Throat, Ear, and Eye by Plano-Convex Lens with Reflector," *American Medical Times*, 1864; originator and editor of the *American Journal of Syphilography and Dermatology*, devoted to the consideration of all venereal and skin diseases, etc., etc.; editor of the American edition of Dr. Tilbury Fox's work on "Skin Diseases" (adopted by the U. S. government for the use of surgeons in the army); "Monographs on the Indications for Operative Surgery in Cases of Phimosis," 1870; on "Amputation of Redundant Scrotum, in the Treatment of Varicocele, with New Instrument," 1871; on "Three Cases of Psoriasis, Occurring during Lactation," 1871; "A Case of Seborrhœa Sicca," 1871; "Treatment of Venereal Diseases in Vienna Hospital," 1 vol., 1872; "On the Dementia and Hemiplegia of Syphilis," 1872; "Cases of Induration of Os and Cervix Uteri, the Result of Syphilis;" "Of Syphilitic Insanity;" "Of Anomalous Localities of Chancres," etc., etc., 1874; "New Instrument to Remove Prepuce in Cases of Phimosis," 1874; "Specialists and Specialties in Medicine;" address before the alumni asso. of the univ. of Vt., June, 1876, etc., etc. He succeeded Dr. Carnochan as surg.-in-chief of the State emigrant hosp., Ward's island, in 1872; is consult. surg. to the department of municipal police of New York. During the war of the rebellion he served as ass't surg. in the U. S. navy, and was with Farragut in the Mississippi, at New Orleans, etc. In July, 1870, he married Elizabeth R., eldest daughter of Hon. Hugh J. Hastings, of New York. She died in Oct., 1875, leaving one son.

HALBERSTADT, ANDREW HOWELL, Pottsville, Pa., son of Dr. George Halberstadt, was born in Pottsville, Pa., Aug. 11th, 1831. He was educated at Marshal coll., where he graduated in 1850, and studied medicine in the univ. of Pa., graduating M. D. from that institution in 1853. He settled in Pottsville, Pa., in general practice. He is a member of the Am. med. asso., and of the Pa. State med. and of the Schuylkill co. med. socs.; was vice-president of the State med. soc. in 1875, and he has at various times made contributions to State medical reports.

LAUGHLIN, EDMUND DULIN, Orleans, Ind., of Scotch-Irish descent, was born in Coshocton co., O., May 28th, 1827. Having received a liberal preparatory education, he attended his first course of medical lectures at the univ. of Mich., in 1855–56; his second course at Miami med. coll., in 1868; and from the latter institution received his degree of M. D.; also received degree of M. D., in 1872, from Bellevue hosp. med. coll. From 1856 to 1862 he practised at Roseville, Ind.; since 1862 has been established in Orleans. In 1875 he performed laparotomia for the relief of perityphlitic abscess, with a discharge of forty-eight ounces of pus—the first operation of the kind west of the Alleghenies. He is a member of the Orange co. med. soc.; of the Mitchell district med. soc., president in 1875; of the Ind. State med. soc., vice-president in 1876; and of the Am. med. asso.; was elected trustee of the coll. of phys. and surg. of Indianapolis, in May, 1876. Of his professional publications may be mentioned a paper upon "Camman's Stethoscope, as a Means of Diagnosing Fractures," Proceedings Ind. State med. soc., 1874, *Medical Record*, Feb., 1876. He married, Nov. 21st, 1851, Sarah Ann, daughter of William Trueblood, Esq., of Bryantsville, Ind.

MCLANE, JAMES WOODS, New York, was born in that city, Aug. 19th, 1839. He was educated at Phillips acad., Andover, Mass., and at Yale coll., and studied medicine at the coll. of phys. and surg., New York, graduating thence M. D. in 1864, and settled in New York in general practice, but giving special attention to obstetrics and to

diseases of women and children. He is a member of the acad. of med.; of the obstet. soc., and of the med. and surg. soc. of New York. He holds the position of adjunct prof. of obstet. and diseases of women and children in the coll. of phys. and surg., New York.

SMITH, CHARLES GILMAN, Chicago, Ill., son of Josiah Gilman Smith and Frances Ann (Eastham) Smith, was born in Exeter, N. H., Jan. 4th, 1828. His early education was received at Phillips' acad., at Exeter, and he received his literary and classical education at Harvard univ., where he graduated A. B. in 1847. He pursued his medical studies at the univ. of Pa., and obtained the degree of M. D. from that institution in 1851. After being ass't phys. to the House of Industry hosp. and city institutions of south Boston for two years, he settled in Chicago in 1853 in active practice, and has since resided there. He has had a large experience in the treatment of uterine, genito-urinary, and skin diseases; and has been the medical examiner for several prominent life insurance companies. He is a member of all the medical societies of the city of Chicago; of the Illinois State med. soc., and of the Am. med. asso. He was formerly one of the surgeons to the Cook co. hosp., and prof. of diseases of children in the Woman's hosp. coll. During the war he was surg. to Camp Douglas military hosp., and acting surg. to 16th U. S. infantry for six months. He is president of the Harvard club of Chicago; vice-president of the Chicago literary club, etc. In Oct., 1873, he married Harriet Gaylord, daughter of Erastus F. Gaylord, Esq., of Cleveland, O.

MANSON, OTIS FREDERICK, Richmond, Va., great-grandson of Dr. Nathan Hemingway and Frederick Manson, who both immigrated from Glamis, Scotland, and settled at Roxborough, Mass.; grandson of Frederick Manson, Jr., of Farmington, Mass., who served at Concord, Lexington, and at Bunker Hill and Monmouth, and son of Otis Manson, formerly of Virginia, who served in the war of 1812, was born in Richmond, Va., Oct. 10th, 1822. He graduated at the age of eighteen from the med. dep't of Hampden Sydney coll. (now the med. coll. of Va.), and settled in Granville co., N. C. On the breaking out of the small-pox epidemic in Mecklenburg co., Va., a year later, he was appointed physician to the infected district; there being no vaccine virus at hand he treated the patients by innoculation, with great success. In 1868 he was appointed prof. of pathol. in the med. coll. of Va., which chair, united with that of physiology, he now holds. He is the author of numerous papers on malarial fever, pneumonia, cholera-infantum, etc., published in southern journals from the year 1846, advocating their miasmatic origin, and the free employment of quinine as a sedative, antiphlogistic and antipyretic, in their treatment, and also extending its use in erysipelas, scarlatina, croup, rheumatism, etc. In 1862 he was commissioned surgeon in the Confederate army, and placed in charge of a hospital in Richmond; subsequently appointed medical agent, with the rank of major, to afford relief to the North Carolina troops in Virginia, which commissions he held till the surrender of Lee. He has held the position of member of the board of medical examiners of the State of Virginia, and is now a member of the city council of Richmond. In Dec., 1843, he married Mary A. S., daughter of Spotswood Burwell, Esq., of Granville co., N. C.

THOMSON, WILLIAM, Philadelphia, son of Hon. Alexander Thomson, president judge of the sixteenth judicial district, and Jane (Graham) Thomson, was born in Chambersburg, Jan. 28th, 1833. His ancestors were Scotch on both sides, who came to this country before 1776. He was educated at the Chambersburg acad., then a famous classical school, and by private tutors, until he entered the office of Dr. John C. Richards, of Chambersburg, as a medical student. He spent six months in Philadelphia in the study of pharmacy, and finished his pupilage with his brother, Alexander Thomson, at Mt. Savage, Md. Entered the Jefferson med. coll., and graduated in 1855. He then settled in Lower Merion, a few miles from Philadelphia, married Rebecca, daughter of William E. George, and was in full practice until 1861. Having passed an examination before a medical board, he entered the regular army, and was placed on duty before the battle of Bull's Run, with the army of the Potomac, with which he served, either in the field or at its base in Washington, until it was disbanded at the conclusion of the war. Having been chosen by the medical director, Dr. Jonathan Letterman, during the peninsula campaign as his assistant, he was placed on duty at the head-quarters of the army, and participated in the anxieties and responsibilities of that heroic period, when the organization of the medical department of that army, thanks to Dr. Letterman, became the model of all the others in the service, and inferior to none in the world. These improvements and reforms are described in the "Medical Recollections of the Army of the Potomac," by Dr. Letterman, in which he

also does full justice to the aid rendered by Dr. Thomson, especially at the battle of South Mountain, where the army being obliged to advance, Dr. Thomson was left in sole charge of the field, and was obliged to find food, shelter, transportation, and surgical aid for 2,500 wounded men, and give burial to the dead, both Union and Confederate, all of which was completed in seven days, and for which he was also complimented by President Lincoln. His experiences on the peninsula enabled Dr. Thomson, after the battle of Antietam, to propose and elaborate two reforms for overcoming the defects of the medical field service, viz., a system of brigade supplies, to prevent the loss of medical stores, and a system of division hospitals, which fixed in order the position of every medical officer during and after an engagement, which were adopted by the medical director, and promulgated in orders from the commander-in-chief. These were reissued by the secretary of war to all the armies in the service, and remained in use, with little or no alteration, until the end of the war. In 1863 he was placed in charge of the Douglas hospital in Washington, which under his management became one of the models of the general hospital system, and conspicuous for the excellence of its administration. In 1864 he was chosen by Medical Director Abbott as medical inspector of the department of Washington, where he remained until the close of the war. During his service these hospitals contained over twenty-three thousand beds; and, in 1864 alone, provided for over one hundred and thirteen thousand patients. In 1866 he organized and had charge of a hospital for cholera, then epidemic, which was also the post hospital of Washington. Having received two brevets for distinguished services, he, in 1867, passed successfully his second examination before the army board, was promoted, and sent to Louisiana; when in 1868 he tendered his resignation, and returned to civil life. In 1861 he introduced the local use of carbolic acid, then issued as creosote, as a disinfectant in the treatment of wounds, and to prevent the attacks of flies, and the annoyance from maggots; he wrote also a paper on hospital gangrene, and its treatment by bromine. He was warmly interested from its inception in that splendid monument of American surgery, the army medical museum, and has the distinction, in its published catalogue, of being its largest single contributor in specimens and papers, especially those on osteo-myelitis and pyæmia, and wounds of knee-joints. At the Douglas hospital, in conjunction with Dr. Wm. F. Norris, then in the army, he demonstrated to the surgeon-general the value of photography in preserving valuable surgical records, by sending to the office a series of prints of wounds and injuries made by them at the hospital. Having seen the establishment of the photographic bureau by the surgeon-general, Drs. Thomson and Norris then essayed to establish the value and possibility of preserving records of microscopic work by photography; and after months of effort, in May, 1864, they placed before the surgeon-general successful reproductions of the field of the microscope, in photographic prints made from negatives, confining themselves to the optical apparatus, the clinical microscope, furnished from the surgeon-general's office, and ranging in magnifying power from ten to three hundred diameters. This was the first successful effort to make practical use of the negative process of photography, by wet collodion, in microscopy, for high powers in the country, and it reflects great credit on the medical staff of the army, and led to the splendid developments afterwards in the hands of Drs. Woodward and Curtis, aided by the full resources of the surgeon-general's office. He was warmly welcomed by the profession when he settled in Philadelphia, and was elected to their medical and scientific societies, and is now a fellow of the coll. of phys., and a member of the pathol. soc., acad. of nat. sciences, and its biological and microscopical section, county med. soc., Philadelphia ophthal. soc., etc. He is a member of the American med. asso., where he represented the U. S. army as delegate, and of the State med. soc.; the neurolog. soc. of New York (honorary); the International ophthal. congress; the Am. ophthal. and otolog. socs. He was a delegate to the International med. congress held in Philadelphia, 1876, and was elected vice-president of the ophthalmological section. In 1868 he was elected physician to the hospital of the Protestant Episcopal church, and to the church home for children; but soon resigned these positions to give his exclusive attention to the diseases of the eye, for which his knowledge of optics especially qualified him. He was elected as surgeon to the Wills' hospital for diseases of the eye, where he gave lectures for several years; and in 1877 was unanimously elected emeritus surgeon. In 1873 he was appointed clinical lecturer on diseases of eye and ear at the Jefferson med. coll., and in 1877 ophthal. surg. to the Jefferson coll. hosp., where he conducts a daily clinic, and gives, in the regular course, practical instruction on this branch to the hundreds of students who crowd the halls of this school. He has contributed largely, in reviews and papers, to the literature of his specialty, and

made important additions to its art and science. Among these may be mentioned the following: Prof. Gross, in preparing his late edition of his system of surgery, placed the section on diseases and injuries of the eye in Dr. Thomson's hands for revision, and acknowledges his indebtedness to him for this, and for the "valuable remarks on refraction and accommodation" in his preface. He has offered to the profession a novel and practical method for the diagnosis and correction of ametropia, with a simple instrument, which has been placed on the supply-table of the army by the surgeon-general; is in general use by ophthalmological surgeons here and abroad; has been commended by Donders as accurate, novel, and time-saving; and is highly spoken of by Dr. Mitchell, as giving to the physician a prompt means of detecting optical defects in the treatment of nervous diseases. Prof. Gross, in his paper on a "Century of American Surgery," mentions this method, and the papers of Dr. Thomson on the "Connection between Astigmatism and Posterior Staphyloma," and the "Correction of Conical Cornea by Cylindrical Glasses," and claims them as evidences of American skill and originality. In connection with Dr. S. Weir Mitchell, Dr. Thomson has also published, in the *American Journal of Medical Sciences*, papers on the use of the ophthalmoscope, in the diagnosis of intra-cranial tumors; and clinical reports of cases of severe and prolonged headache, dependent upon astigmatism, relieved by the correction of optical defects. The report of a case of hemiopia, following gunshot wound of the brain, as published by Dr. Thomson and Dr. W. W. Keen, is accepted by Prof. Flint, in his physiology, as elucidating the question of the partial decussation of the optic nerve-fibres. A lecture, introductory to the summer course at Jefferson medical college, on the relation of ophthalmology to practical medicine, was published by the class, and widely distributed.

BELLAMY, WILLIAM J. H., Wilmington, N. C., son of John D. and Eliza (McJ.) Bellamy, the former of South, the latter of North Carolina, was born in Wilmington, N. C., Sept. 16th, 1844. Educated in the classical dep't of the univ. of N. C., and in the med. dep't of the univ. of the city of New York; he was graduated M. D. from the latter institution in March, 1868, and in the same year established himself in Wilmington. He is a member of the New Hanover co. med. soc., secretary and treasurer from 1868 to 1871 inclusive, president, 1876–77, also of the N. C. State med. soc. Since 1868 he has been physician to the county almshouse, and since 1870 physician to the county prison. Of his professional publications the following are most important: Article in Transactions of N. C. med. soc., May, 1874; reports of cases in *Philadelphia Medical and Surgical Reporter*, May 4th, 1872, *Virginia Medical Monthly*, 1875–76, vol. ii., etc During the late war he served in the line of the Confederate States army. He married, Nov. 10th, 1869, Mary W., daughter of Daniel L. Rapell, Esq., of Brunswick co., N. C.

COOVER, ELI H., Harrisburgh, Pa., son of Jacob Coover and Annie (Houser) Coover, was born near Mechanicsburg, Cumberland co., Pa., Oct. 1st, 1827. He was educated at Mechanicsburg high school, and studied medicine in the Jefferson med. coll., graduating M. D., 1850. He located himself first in New Cumberland, Cumberland co., Pa., but in 1868 removed to Harrisburg, Pa. He was a member of the Cumberland co. med. soc.; became a member of the Dauphin co. med. soc. by certificate in 1870, and was one of the vice-presidents in 1876. In Feb., 1877, he described a new splint (in the *Philadelphia Medical and Surgical Reporter*) for the treatment of fractures of the forearm and hand, called Coover's flexion and extension splint, which he invented. He holds the position of U. S. examining surgeon for pensions. In Sept., 1851, he married Annie, daughter of David Hummel, Esq., of Harrisburg.

BOLTON, WILLIAM, West Oakland, Alameda co., Cal., was born in Newcastle-on-Tyne, England, June 7th, 1818. He was educated at Kemper coll., St. Louis, Mo., and at univ. of Mo., graduating from the former A. M. in 1843, and M. D. from the medical department of the latter in March, 1848. He located himself in St. Louis, Mo.; but removed to Bowling Green, Mo. In 1864 he removed to Burlington, Iowa; in 1867 he took up his residence in San Francisco; and in 1869 in Oakland. He is a member of the Alameda co. med. asso.; also a member of the board of education of the city of Oakland, a position he has held for three years; and for many years a member of the board of health of the same place. During the rebellion he gave his services to many of the United States military organizations of the State of Missouri. These were entirely without remuneration on the part of either the State or government.

FOOTE, GEORGE ANDERSON, Warrenton, N. C., was born in Warren co., N. C., Dec. 16th, 1835, of English parentage. He was educated in Warrenton, N. C., Rich-

mond, Va., and Philadelphia; and graduated at the Jefferson med. coll. in 1856. He settled in Warrenton, N. C., where he continued in a large and miscellaneous practice till the beginning of the war between the States. He entered the Confederate service in April, 1861, and served as surgeon till Gen. Lee's surrender, when he returned to Warrenton. He delivered an address on progressive medicine before the med. soc. of N. C. in 1872; is a member of the board of medical examiners of N. C.; is president of the med. soc. of N. C. He has written numerous miscellaneous and medical articles for various periodicals under the name of "Civis;" the last one being a practical essay on hypodermic medication. He married Sallie J. McDowell, of Edenton, N. C., whose parents are of direct Scotch descent, etc.

BORLAND, JOHN NELSON, Waterford, Conn., great-grandson of Dr. James Lloyd, who died in Boston in 1810, after an active professional life of forty-eight years, was born in Boston, Jan. 14th, 1828. His early education was obtained at Skinner's school, New Haven, and his classical education at Yale coll., whence he graduated A. B. in 1848. His medical studies were pursued in the med. dep't of Harvard univ. He graduated from this institution M. D. in 1851, setling in Boston; then in Nahant; and finally in Waterford, Conn., when he retired from active practice. He is a member of the Mass. med. soc.; has held the position of its censor, and is now its councillor. His contributions to professional literature consist of reports of cases in the *Boston Medical and Surgical Journal*. He was conjoint editor also of the "Report of Medical and Surgical Staff of Boston City Hospital." He was for ten years from the commencement physician to Boston city hospital, and is now consult. phys. of the same institution. In March, 1853, he married Madeline, daughter of the late Isaac Gibson, Esq., of New York.

EASLEY, EDWARD TANDY, Little Rock, Ark., son of Dr. T. W. Easley, of Alabama, was born in Perry co., Ala., Oct. 29th, 1842. He was educated under private tutors, and at Madison coll., whence he graduated A. M., and studied medicine in the Louisville med. coll., receiving his degree of M. D. in 1870. He located himself first at Dallas, Texas; but removed to Little Rock, in 1875, where he settled in general practice, but giving special attention to surgery, in which he has performed successfully some of the most important operations. He is a member of the Am. med. asso.; of the Ark. State med. soc.; of the coll. of phys. and surg. of Little Rock—has been its treasurer; honorary and corresponding member of several State and local societies; delegate to the International medical congress at Brussels, and to the European medical organizations from the Am. med. asso. in 1875. His contributions to medical literature consist of the following: Circumstances modifying the mortality of amputations; torsion for arresting hemorrhage; four cases of abscess of the penis; sanitary condition of the negro; digitalis in weak-heart of continued fever; aspiration of the bladder; repair of fractures, with probabilities of shortening; quinine in parturition; septicæmia from purulent vaginal discharges; successful abdominal section for the removal of extra-uterine fœtus; circumcision for the relief of reflex irritation; skin-grafting; physiological antagonism in the treatment of fever; tumors of the external ear; surgery of the hand; hæmo-thorax; absorption of the vaginal mucous membrane, etc., etc. He is, besides, a large contributor to literary and scientific journals. Dr. Easley has been twice elected secretary of the surgical section of the Am. med. asso.

ELMER, ROBERT WILLIAM, Bridgeton, N. J., was born in Bridgeton, N. J., March 4th, 1836. He was educated at a private school, at the West Jersey collegiate school at Mount Holly, N. J., and at Princeton coll.; and studied medicine at the univ. of Pa., whence he graduated M. D., 1860, settling in Bridgeton. He is a member of the District med. soc. of Cumberland co., was its president during 1865; has been for a number of years superintendent of public schools of Bridgeton; and served as ass't surg. of the 23d reg. N. J. vols. during the war of the rebellion. In 1861 he married Margaret, daughter of M. B. Holmes, Esq., of Bridgeton, N. J.

PRICE, THEOPHILUS TOWNSEND, Tuckerton, N. J., great-grandson of Capt. William Price, a captain in the revolutionary war, son of John Price and Kezia (Swain) Price, of Cape May co., N. J., was born at Town Bank, Cape May co., May 21st, 1828. His preliminary education was obtained at Cape May, and his medical education at the Pa. med. coll. at Philadelphia, whence he graduated M. D. in March, 1853, and settled immediately after at Tuckerton in general practice. He is a member of the Burlington co. med. soc., and has been its president; and his contributions to med. literature have been published in the Transactions of the med. soc. of N. J. During the war he

acted as a vol. surg., and was assigned to Chestnut Hill military hosp., Pa. He is a life-member of the N. J. historical soc.; one of the organizers of the Tuckerton railroad in 1871, and has been ass't treasurer, secretary and director; also director of the Medford, N. J., bank, trustee of the South Jersey institute, etc. He is now engaged (1877) in editing the "Historical and Biographical Atlas of New Jersey Coast." In Nov., 1854, he married Eliza, daughter of Timothy Pharo, of Tuckerton.

RAHTER, CHARLES A., Harrisburg, Pa., was born near Minden, Westphalia, Prussia, Aug. 8th, 1839. Having received a common school English education, supplemented by a partial course at Pa. coll., Gettysburg, he attended his first course of medical lectures at the univ. of Md., and his second at the Long Island coll. hosp., receiving from the last-named institution his degree of M. D. in July, 1864. Until the ensuing October he practised in Washington, D. C.; was then appointed an acting ass't surg. in the U. S. army, and in this capacity served until June, 1865. After resigning his commission, he established himself in Harrisburg, where, save during the Franco-Prussian war, he has since remained. He is a member of the Pa. State med. soc., and since its foundation, of the Dauphin co. med. soc., having been elected secretary of the latter in 1868, treasurer in 1869, and president in 1876. From Aug., 1865, to Aug., 1870, when he resigned the position, he was examining surg. to the U. S. pension bureau. In 1870, on the breaking out of the war between France and Germany, he returned to his native country and offered his services to the government. From Sept. 15th to Oct. 15th he served as ass't surg. in the general army hosp. at Coblentz; was promoted to be staff surg., and placed in charge of the barrack hosp. at St. Johann-Saarbrücken, where he remained until July 15th, 1871, when he resigned his commission. In 1873 he received from the Emperor of Germany a medal for faithful and meritorious services. He married, Nov. 11th, 1875, Mary R., daughter of P. B. Keffer, Esq., of Harrisburg, Pa.

TWITCHELL, GEORGE BROOKS, Keene, N. H., of American parentage, was born in Petersburg, Va., Sept. 20th, 1820. He was educated at Keene acad., and studied medicine in the med. dep't of the univ. of Pa., graduating M. D. in April, 1843. He also received the hon. degree of A. M. from Dartmouth coll. He settled in Keene in active general practice, during which he has successfully performed many of the more important surgical operations. He is a member of the N. H. med. soc.; of the Am. med. asso., was president of the former in 1857. He has been trustee of the asylum of the insane for seventeen years, and for two years president of the board of trustees. During the war he was surg. to the 13th reg. N. H. vols.; surg. U. S. vols., and surg. in chief 7th division, 17th army corps, dep't of Tenn. In 1849 he married the daughter of G. F. Thayer, Esq., of Boston, Mass.

YALE, LEROY MILTON, New York, of Conn. and Mass. ancestry, dating back to 1636 and 1640, was born at Martha's Vineyard, Mass., Feb. 12th, 1841. He was educated at the acad., Minden, N. H.; at Columbia coll., New York city, and studied medicine in Bellevue hosp. med. coll., graduating thence M. D. in Feb., 1866, and settling immediately after in New York. He is a member of the New York co. med. soc., and of the New York acad. of med. His contributions to medical science consist of but a few articles to medical journals; his principal literary work being editorial and reviewing. He was formerly lecturer on obstetrics in the univ. of Vt.; has been attached to Bellevue hosp. in various positions since 1870, and is now adjunct lecturer on orthopedic surgery, etc.; was surg. to the Charity hosp., New York city, from May, 1871, to Sept., 1877, when he was transferred to Bellevue hosp. in same city.

ROGERS, COLEMAN, Louisville, Ky., son of Dr. Lewis Rogers, and grandson of Dr. Coleman Rogers, both of whom practised medicine in Louisville, the former for forty, the latter for more than fifty years, was born in Louisville, Aug. 10th, 1843. Having completed his preparatory education in the Toronto (C. W.) univ., he entered the med. dep't of the univ. of Louisville, was graduated thence M. D. in 1864; attended a supplementary course of lectures at the Bellevue hosp. med. coll., and since Sept., 1865, has been established in Louisville. Before regularly entering on his medical studies, he visited Europe, and devoted several months to the acquisition of professional knowledge. While engaging in a general practice, he has given especial attention to obstetrics and to the study of physical diagnosis. He is a member of the Louisville acad. of med. and coll. of phys., secretary of the latter in 1867; of the Ky. State med. soc., vice-president in 1870; and of the Am. med. asso. Of his professional publications may be mentioned various articles on "Acute Rheumatism;"

"Thoracentesis;" "The Therapeutic Use of Arsenic;" "Physical Diagnosis;" "Pulmonary Phthisis," and reviews scattered through western and southern journals. For several years he was attending phys. to the Louisville marine hosp.; and from 1867 to 1869 was adjunct prof. of the science and practice of medicine in the univ. of Louisville. During the late war he served as a medical cadet in the federal hospitals at Louisville.

RUTLEDGE, SHALLUS RANGE, Blairsville, Pa., of native parents and Irish ancestry, was born at Livermore, Pa., March 27th, 1844. After receiving an academical education he studied medicine at Jefferson med. coll., graduating in March, 1870. He had practised at Livermore during 1868 and 1869, but after graduation he removed to Bransfield, and finally, in 1871, to Blairsville. He is a member of the Am. med. asso.; of the State med. soc. of Pa., and of the Indiana co. med. asso., and is now its president. He is one of the surg. of the Pennsylvania railroad company, and med. examiner for the New York mutual life insurance company, and National life insurance company of Chicago. In Oct., 1872, he married E. J. Hall, daughter of William Hall, Esq., of Robison township, Allegheny co., Pa.

REX, GEORGE P., Reaville, N. J., was born in Philadelphia, Sept. 2d, 1813. He studied medicine at the Jefferson med. coll., was a private pupil of late George McClellan, M. D., graduated M. D. in 1834; located himself first in Clover Hill, N. J., thence in 1837 in Reaville; in 1856 in Perry, Pike co., Ala.; in 1866 in Selma, Ala., and finally, in 1871, again settled in Reaville. He was surg. of 33d reg. Ill. infantry, and acting ass't surg. U. S. army during 1867, 1868 and 1869. He held the office of sheriff of Dallas co., Ala., and U. S. revenue assessor 2d district, Ala. In June, 1836, he married G. V. Williamson, daughter of Jacob Williamson, Esq., of Clover Hill, N. J.

BIDLACK, WILLIAM WALLACE, San Francisco, Cal., son of Hon. Benjamin A. Bidlack, and grandson of Benjamin Bidlack of revolutionary fame, was born at Milford, Pike co., Pa., July 24th, 1833. He was educated at the Collegio del Espirito Santo, Bogota, South America, and in the univ. of Pa., and graduated M. D. from the med. dep't of the latter in April, 1852. He located himself first in Luzerne co., Pa., then in Tangiers, Africa, and next in Philadelphia. After being five years in the U. S. army he returned to Philadelphia, and then removed to Stroudsburg, subsequently to San Francisco, and also to Arizona territory. His practice is general, but he has performed a number of important surgical operations with success. He is a member of the Cal. med. asso.; is president of the board of examiners of the latter. He is prof. of surgery and prof. of obstetrics and diseases of women and children in that asso's school. In 1861 he held the position of ass't surg. of the 62d N. Y. vols., and during the continuance of the war of the rebellion was acting ass't surg. U. S. army, serving in the peninsula, at hospitals in Washington, and Point Lookout; also in Mississippi, and afterwards in Arizona. In March, 1866, he married Mary Anna, daughter of William Runyan, Esq., of Philadelphia.

RAMSAY, JOHN WALTER, Clarksburg, West Va., of Scotch-Irish and French ancestry, was born near New Geneva, Fayette co., Pa., May 14th, 1832. He was educated at Monongahela acad., and studied medicine at the Jefferson med. coll., Philadelphia, graduating in March, 1853. He has been located in various places. He was sent to Clarksburg a paroled prisoner, where he soon acquired a large practice, during which he has performed many of the more important capital operations. He is a member of the Am. med. asso., ex-president of the med. soc. of West Va., ex-president of the Harrison co. med. soc. He was surg. in the Confederate States army during the rebellion; is phys. and surg. to the Baltimore & Ohio railroad, and member of the board of directors of West Va. hosp. for the insane at Weston, Lewis co., West Va., and member of the West Va. historical soc. He married Virginia Louisa, daughter of John and Louisa Hoffman, Esq., of Morgantown, West Va., in May, 1858.

HAYS, DAVID S., Hollidaysburg, Pa., of Scotch-Irish ancestry, was born in Huntingdon co., Pa., Dec. 11th, 1833. He was classically educated at the Hollidaysburg acad. and studied medicine at the univ. of Pa., graduating M. D., March, 1856. He settled first in Hollidaysburg, but subsequently removed to Mooresville, Huntingdon co., Pa., where he settled in general practice, but making surgery a specialty, in which branch he has successfully performed many of the more important operations. He is a member of the Blair co., and State med. socs., president of the former in 1876; of the Am. med. asso., and of the district med. soc. of Juniata valley. He is a contributor to the "Medical and Surgical History of the Rebellion," and to the surgical section of the

United States Army Medical Museum, at Washington. During the war he was surg. of the 110th reg. Pa. vols., surg. of brigade and division, chief operator 3d division 2d army corps; was in charge of Court-house hosp., Winchester, Va., 1862; 3d division, 2d corps hosp., Gettysburg, 1863, and of hosps. at Fredericksburg, Lenay, etc., being attached during the entire period to the army of the Potomac. He was formerly phys. to the Blair co. prison, and is now U. S. examining surg. for pensions. In June, 1869, he married Emma, daughter of C. C. Price, Esq., of North Carolina.

ISHAM, ASA BRAINERD, Cincinnati, O., of New England ancestry, was born in Jackson, C. H., Ohio, July 12th, 1844. Was educated at Marietta coll. During 1861, and the early part of 1862, he conducted the *Lake Superior Journal*, at Marquette, Mich., and from May to Nov., 1862, he edited the city dep't of the *Detroit Daily Tribune*. In Nov., 1862, he enlisted as a private in the 7th reg., Mich. cavalry, forming part of Custer's brigade, in Kilpatrick's and Torbert's cavalry divisions, armies of the Potomac and Shenandoah; was severely wounded in May, 1863, while in action near Warrenton, Va.; was promoted 1st lieutenant, March, 1864, and captured in a cavalry charge at Yellow Tavern, Va., May 11th, 1864; was exchanged in December of the same year, and honorably discharged for disability from wounds, April, 1865. He studied medicine at the med. coll. of O., graduating in March, 1869, and settling at Walnut Hills, Cincinnati, O., where he has since resided. He was married to Mary H., daughter of Dr. A. T. Keyt, in Oct., 1870. Is a member of the Cincinnati acad. of med.; of the Ohio State med. soc., and is prof. of physiology in the Cincinnati coll. of med. and surgery. He has contributed largely to medical journals, notably to the *American Journal of Medical Sciences*, and to the *Clinic* of Cincinnati.

HARTMAN, ANDREW, Baltimore, Md., of American and German parentage, was born in Greencastle, Franklin co., Pa., May 4th, 1818. He received his classical education at the Pa. med. coll., Gettysburg, and his medical education at the Washington univ., Baltimore, Md., graduating March, 1839. He settled first at North Bloomfield, O., but by reason of ill health removed to Baltimore in 1845. He is a general practitioner, but gives his attention specially to obstetrics. He was elected a member of the Baltimore med. asso. in 1867, and was its president in 1868; has been a member of the medico-chirurgical faculty of Md. since 1842, has been its vice-president; a permanent member of the Am. med. asso.; also of the International medical congress held in Philadelphia in 1876. He was acting ass't surg. at McKim's U. S. army general hosp., Baltimore, from Jan., 1863, to July, 1865; examining phys. for 3d Congressional district of Maryland in the draft of 1862, and appointed by Gov. Bradford to care for the Maryland wounded on the field of Antietam. Was the general agent of the Baltimore asso. for the improvement of the condition of the poor from 1849 to 1852, etc. In Dec., 1840, he married Elizabeth Ann Allen, daughter of James Allen, Esq., of Baltimore, Md.

HORNBECK, MOLTON E., Catasauqua, Pa., was born in Allentown, Lehigh co., Pa., Jan. 24th, 1842. His father, the Hon. John W. Hornbeck, who died during the term in which he represented Lehigh co. in Congress, was the son of Dr. Jacob Hornbeck, of Montague, N. J His mother, who was the daughter of Dr. Jacob Martin, of Allentown, had five brothers, all physicians. He was educated in the Allentown acad., and pursued his medical studies at the univ. of Pa., whence he graduated M. D. in 1865. He had previously studied at the Philadelphia coll. of pharmacy, and graduated from that institution in 1862. He established himself in Catasauqua in general practice. He is a member of the Lehigh co. med. soc. During the war he was hosp. steward to the 128th Pa. reg. In Dec., 1869, he married Mary L., daughter of Hon. Joseph Laubach, of Bethlehem, Pa.

KIPP, CHARLES JOHN, Newark, N. J., was born in Hanover, Germany, Oct. 22d, 1838. He was educated in Hanover and New York, and studied medicine at the coll. of phys. and surg., New York city, graduating in March, 1861, and settling first in New York in 1868, and in Newark in 1869. He is a member of the International ophthalmolog. congress; corres. secretary of the International otolog. soc.; elected in 1876 member of the Am. ophthalmolog., Am. otolog., New York ophthalmolog., New York patholog., and Essex district med. socs.; elected in 1877 one of the vice-presidents of the N. J. acad. of med.; member of the Essex med. union; of the Newark med. asso.; president of the German hosp. med. asso., elected in 1875; was also a delegate to the International medical congress held in Philadelphia in 1876. His contributions to medical literature consist of contributions to the "Medical and Surgical History of the Rebel-

lion;" "On the Affection of the Eye in Small-Pox," Proceedings med. soc. of N. J., 1874; contributions in archives of ophthalmology and otology, 1874; "A Case of Sarcoma of Iris, cured by Excision," *ibid.*, 1876, and clinical essays in the Transactions of the Am. ophthalmolog. and otolog. socs. He was appointed in 1861 vol. surg. to the 5th N. Y. State national guards; ass't surg. 3d battalion N. Y. artillery, Jan., 1862; ass't surg. U. S. vols., May, 1863; surg. U. S. vols., March, 1864; brevetted lieut.-col. for faithful and meritorious services during the war, March, 1865. He served in the field till 1863, and performed hosp. services after that at Nashville, Tenn., and Indianapolis, Ind., and chief of the U. S. board of inspectors of recruits, etc., at general rendezvous of the State of Indiana. He also held the position of medical director of freedmen's bureau of that State from Aug., 1865, to Feb., 1868.

NANCREDE, CHARLES BEYLARD, Philadelphia, grandson of Paul Joseph Guérard de Nancrede, who came to this country as an officer in the French army under Count de Rochambeau during the revolutionary war, son of Thomas Dixie Nancrede and Mary Elizabeth (Bull) Nancrede, was born in Philadelphia, Dec. 30th, 1847. He received his literary and classical education in the univ. of Pa., and studied medicine in the med. dep't of the same institution under Prof. F. Gurney Smith, graduating M. D. in March, 1869, and after holding the position of resident phys. of the Episcopal hosp. of Philadelphia, for one year, he settled in that city in regular practice, during which he has successfully performed many of the more important operations. He is a member of the patholog. soc.; of the county med. soc., and of the acad. of natural sciences, of Philadelphia. He is the author of "On the Importance of Affording Support to the Cornea in Penetrating Wounds," etc., *Philadelphia Medical Times*, Jan. 11th, 1873; "Small Round-Celled Sarcoma of Orbit," *ibid.*, March 7th, 1874; "Three Rare Surgical Cases," *ibid.*, May 23d, 1874; "A New View of the Pathology of (so-called) Phlebitis," *ibid.*, Aug. 19th, 1876; "A Plea for the Revival of the Use of the Suture for Cut Tendons," *ibid.*, Aug. 5th, 1876; "On the Causative Relation Existing between the Anatomical Arrangement of the Tissues at Various Ages and their Morbid Growth," *ibid.*, July 21st, 1877, besides a number of papers descriptive of cases in the Transactions of the patholog. soc. He has held the position (besides that of resident phys. at the Episcopal hosp. above mentioned) of ass't surg. to the eye and ear infirmary, of Philadelphia dispensary; attendant phys. to the Catharine street house of industry; ass't demons. of anat. at the univ. of Pa.; ass't to the prof. of institutes of medicine in the same institution, and prof. of physiology at the Pa. coll. of dental surgery. He is now attending surg. of the Episcopal hosp. In June, 1872, he married Alice Howard, daughter of the late Francis P. Dunnington, Esq., of Baltimore.

MITCHELL, ALFRED, Brunswick, Me., was born in North Yarmouth, Me., March 17th, 1837. He was educated at North Yarmouth acad., at Bowdoin coll., med. school of Me., and coll. of phys. and surg. of New York, graduating at Bowdoin coll. in 1859, and in New York in 1865, settling in Brunswick in active general practice. He is a member of the Me. med. asso. He is prof. of obstetrics and diseases of women and children at the med. school of Me., and during the war was ass't surg. of the 9th reg. Me. vols. He married, Dec., 1865, E., daughter of Mr. Swett, of Brunswick, Maine.

COOK, JOHN S., Hackettstown, N. J., son of Dr. Silas C. Cook, of that place, was born in Warren co., N. J. (Stewartsville), June 19th, 1827. He was educated at Hackettstown acad., Lafayette coll., and Union coll., graduating from the latter in July, 1847, and studied medicine with his father, and in the univ. of Pa., receiving his degree of M. D. in 1850. He settled in Hackettstown in general practice, and in business connection with his brother, Dr. L. C. Cook. He is a member of the Warren co. district med. soc.; of the N. J. acad. of medicine, and of the N. J. State med. soc., and is now first vice-president of the last named. In June, 1855, he married Georgianna, daughter of R. Lewis, Esq., of Worthington, O.

LAMBERT, JOHN, Salem, Washington co., N. Y., was born at Alfred, York co., Me., Sept. 7th, 1828; son of Porter and Mary R. Lambert; graduated at Bowdoin med. coll. in 1852, and became Dr. Edwin Wall's partner immediately on graduating; remained in Saco until spring of 1857, when his health having failed, Dr. Wall in the mean time having died, he went to St. Paul, Minn., seeking the influence of a dry and rarified atmosphere. He remained there, doing a successful office business, until the spring of 1856, when with invigorated health he came to Salem, where he has since remained. Has been president and secretary of the county med. soc.; is corres. member of the Boston gynæcolog. soc., and permanent member of

Am. med. asso.; has been correspondent of medical journals, and has published several reports of interesting cases, and other papers.

WHEELER, P., Oakland, Cal., was born in Greene, Chenango co., N. Y., Nov. 9th, 1843. He was educated at the Greene high school; at Fort Edward, N. Y., literary institute, and studied medicine at the coll. of phys. and surg., New York, graduating M. D. April 12th, 1866. He established himself first at St. Joseph, Mo.; removed to Coffeyville, Kan., in 1869, and finally settled in Oakland in March, 1875. He is a member of the Alameda co. med. asso., was its treasurer and librarian, elected in Jan., 1876; and of the med. soc. of the State of California. He has at various times held municipal offices in the city of Coffeyville, Kan.

BATES, CHARLES BELL, Santa Barbara, Cal., was born in London, England, Nov. 27th, 1842. He studied medicine at Toland med. coll., San Francisco, and at Bellevue hosp. med. coll., New York, graduating at the former in Nov., 1868, and at the latter in March, 1877. From 1868 to 1870 he was resident phys. of St. Mary's hosp., San Francisco; in the latter year he removed to Santa Barbara. In 1868–69 he acted as demonstrator of anat. at Toland med. coll., San Francisco, Cal. He is a member of the California med. soc. His contributions to medical literature consist of papers on medical subjects distributed through the journals of the profession.

BLACK, HARVEY, Williamsburg, Va., son of Alexander Black and Elizabeth (McDonald) Black, was born near Blacksburg, Montgomery co., Va., Aug. 27th, 1827. He pursued his medical studies in the univ. of Virginia, and graduated in July, 1849, locating himself at Blacksburg, Jan., 1850, but removing to Williamsburg in 1876 to take charge of the Eastern lunatic asylum as its superintendent. He is a member of the Virginia med. soc., and the Montgomery med. soc., and was president of the former during 1873–74. During the Mexican war he served as hosp. steward to a Virginia reg. of vols., 1847–48; and during the civil war was, in 1861, appointed surg. Virginia forces; in the same year surg. Confederate States army, and assigned to the 4th reg. Va. infantry; was brigade surg. to the Stonewall brigade about twelve months; and until the close of the war was in charge field hosp. 2d corps army Northern Va.; he was also at the surrender at Appomattox Court House. During his residence at Blacksburg he held several appointments: township supervisor; member of board of directors Farmers' bank of Virginia, and Montgomery savings bank at Blacksburg; secretary, treasurer, and president of the Montgomery White Sulphur Springs company; and for three years rector of the board of visitors of the Virginia agricultural and mechanical coll. In Sept., 1852, he married Mary J., daughter of Germanicus Kent, Esq., of Blacksburg.

DAVIS, EDWARD J., Mankato, Minn., descended from Welsh parents, was born in the town of Marcy, Oneida co., N. Y., July 6th, 1839. He received his early education at Whitetown seminary, Oneida co., N. Y., and pursued his medical studies in the Albany med. coll., graduating M. D. Dec., 1867, and settling in Mankato. He is a member of the Minnesota med. soc., and was its recording secretary from 1869 to 1870. He has been a member of the board of health of Mankato, and is now a member of the Minn. State board of health. Since 1869 he has been U. S. examining surg. for pensions. He entered the army in Oct., 1862, as a private in the 146th New York vols.; was appointed hosp. steward in Aug., 1863, promoted to first lieut., Feb., 1865, and brevetted capt. for gallant and meritorious conduct at the battle of Five Forks, Va. In 1870 he married Christiana, daughter of Samuel and Christiana Thompson, of Wilmington, Ill.

DONALDSON, FRANK, Baltimore, Md., son of John Johnston Donaldson, president of Franklin bank, and Baltimore life insurance company, of Baltimore, was born in Baltimore, July 23d, 1823. He was educated at the univ. of Maryland, and studied medicine under Prof. Samuel Chew, and Dr. Thomas H. Buckler, also a resident student for two years at the almshouse hosp. of Baltimore. He graduated in March, 1846, at the univ. of Maryland, and after spending two years in the hosps. of Paris, settled in Baltimore in 1851. He is the author of the reports of Bernard's lectures on "Digestion," and "Glycogene," in *American Journal of Medical Sciences* (1851); and of a paper on "The Microscope in Diagnosis of Cancer," *ibid.* (1853); report on "Value of Aspiration in Numerous Cases of Sub-acute and Chronic Pleurisy," "Præsystolic Murmur;" besides articles and reviews in several journals on "Diseases of the Heart and Lungs," and on "Laryngoscopy." He held the position of phys. to general dispensary; attending phys. to Baltimore almshouse hosp.; and resident phys. to marine hosp., each two years; was prof. materia medica in Maryland

coll. of pharmacy from 1863 to 1866. In 1866 was elected prof. of physiology and hygiene; and clinical prof. of diseases of throat and chest in the univ. of Maryland, which positions he still holds. He is medical examiner and referee for the Mutual life insurance company of New York, and for other life insurance companies. In 1853 he married Elizabeth, daughter of William Winchester, of Baltimore.

ARMSTRONG, WILLIAM SIMPSON, Atlanta, Ga., was born in Wilkes co., Ga., Oct. 9th, 1838. He is a graduate of the med. dep't of the univ. of the city of New York, whence he graduated M. D., 1859. He settled first in Washington, Wilkes co., Ga., and after spending four years in the Confederate States army, settled in Atlanta, Ga., in 1865, in general practice. He is a member of the med. asso. of the State of Ga.; of the Atlanta acad. of med., was its president in 1874, and member of its board of censors since 1875; was elected prof. of anat. in Atlanta med. coll. in 1867, and resigned in 1870. He is the author of a paper on "Cerebro-Spinal Meningitis;" of "Œdema of the Penis and Scrotum," etc., contributed to medical journals. Was a private in the Confederate army from the spring of 1861 to the summer of 1862; subsequently ass't surg., and remained on the medical staff to the end of the war. In Nov., 1869, he married Myra B., daughter of Col. L. P. Grant, of Atlanta, Ga.

BECK, JOHN CRAFTON, Cincinnati, O., of Scottish ancestry who fought at the battle of Falkirk, in Scotland, in 1298, great-grandson of James Beck, who immigrated to this country, Prince George co., Md., from Surrey, England, and son of Samuel Beck and Elizabeth (Morrison) Beck, was born in Vienna, Scott co., Ind., Jan. 19th, 1822. In 1842 he opened an office at Azalia, Ind., afterwards removed to Newbern, and finally to Cadiz in 1844. In 1848 he entered the med. coll. of Ohio, graduating in 1849. He then returned to Cadiz and remained there nine years, removing to Cincinnati in 1858. He is a member of the Thirteenth med. district soc. of eastern Indiana, and several years its president; of the New Castle, Ind., med. soc., its president in 1856–57–58; of the Union (Ogden) med. soc. of Henry co. (1857); also, in 1857, of the Ind. State med. soc.; in 1858 permanent member of the Am. med. asso. He has contributed largely to medical literature; among the subjects treated being on "Reduction of Dislocation of Elbow-Joint, after Eleven Months' Dislocation," *Western Lancet*, vol. xviii. p. 107; "Blighted Conception," *ibid.*, vol. xvii. p. 209; on "Hydr. Cum. Creta.," *Cincinnati Medical and Surgical News*, Aug., 1860; on the "Treatment of Milk Sickness, with Copious Draughts of Cold Water and Quinine," *Chicago Medical Journal*, 1857; and over two hundred historical articles to the leading Indiana papers. In 1863 he became the editor of the *Cincinnati Medical and Surgical News*. In 1858 he was appointed prof. of med. jurisprudence in the Cincinnati coll. of medicine and surgery; in 1862 he was transferred to the chair of anatomy in the same institution, a position he resigned in 1863, when he was presented by the faculty and board of trustees with the honors of the college. He was president of the board of education of Newport, Ky., where he resided from 1861 to 1871. In 1847 he married Vashti, daughter of Ransom Davis, Esq., of Newbern, Ind.

CARR, EZRA S., Sacramento, Cal., was born in Stephentown, Rensselaer co., N. Y., March 19th, 1819. He comes from families who were original settlers in Rhode Island and Massachusetts, his father's family being from the latter State, and his mother's, the Goodrichs, from the latter. He is a graduate of the Rensselaer polytechnic schools, and of the Albany, N. Y., and Castleton, Vt., med. colls., 1842. A member of the Am. med. asso., he was its vice-president in 1848; and he has also been a member of the Am. asso. for the advancement of science since its foundation. He is the author of many scientific and medical papers, among others on the "Genesis of Crime," "Diseased Moral Conditions," on "Medical Education," and a work entitled "Patrons of Husbandry on the Pacific Coast." In 1842 he was appointed prof. of chemistry in the Castleton med. coll., a position he held twelve years; from 1846 to 1850 he was prof. of chemistry in the Philadelphia coll. of medicine; and from 1851 till 1856 in the Albany med. coll.; holding also a professorship in the univ. of Albany; was chemist of N. Y. State agricultural soc. In the same year he became prof. of chemistry and natural history in the univ. of Wisconsin, at Madison, of which he was also one of the regents, and was also one of the commissioners appointed to make a geological survey of the State. The professorship he held till 1869. From 1861 to 1865 prof. of chemistry in Rush med. coll., retaining his position also in Madison; president of Wis. State med. soc. for several years. In 1869 he was appointed prof. of agricultural chemistry and agriculture in the univ. of California, an office he held six years, and

was at the same time prof. of chemistry in Toland med. coll., San Francisco. Is now the State superintendent of public instruction. In 1844 he married Jeanne C. Smith, of Castleton, Vt., eldest daughter of Dr. Albert Smith. Mrs. Carr is associated with her husband in the work of education, and is officially his deputy in the office of State superintendent.

SATTERLEE, RICHARD S., was born in Fairfield, Herkimer co., N. Y., Dec. 6th, 1798. His father was Major William Satterlee, who died of wounds received at the battle of the Brandywine, a few months after his son's birth. His grandfather was one of the sufferers at the massacre of Wyoming. After graduating, he commenced the practice of medicine, in 1818, in Seneca co., N. Y., but subsequently removed to Detroit, then in the territory of Michigan. The association with army officers there, and the remembrance of his father's military career, which had always inclined him to a military life, led him to accept the position of attending surgeon in a neighboring garrison. He accompanied Governor Lewis Cass to Washington a few months after, and by the governor's influence with Mr. Calhoun, then secretary of war, and with Dr. Lovell, surg.-general of the U. S. army, obtained the appointment of ass't surg., U. S. army, in Feb., 1822. His first official duties were performed on the Niagara frontier, then on the lakes and Indian territory. In 1837 he accompanied the troops to the Florida war, and was assigned to duty as med. director on the staff of Gen. (then Col.) Taylor, of the 1st infantry. He took active part in the war against the Seminole Indians, and after the battle of Okechobee joined the head-quarters of Gen. Scott, in the Cherokee campaign in 1838; after two years service on the Canada frontier he returned to Florida, to active duty there, and after a lapse of two years, during which he was stationed on the sea-board, he accompanied the troops, in 1846, to Mexico, joining Gen. Scott at the rendezvous on Lobos island; he landed with him at Vera Cruz in 1847, and was immediately assigned to duty under Gen. Worth as chief surgeon of the 1st div. of regulars, serving with him during the capture of Vera Cruz, the battles of Cerro Gordo, Cherubusco, Molina del Rey, the storming of Chapultepec and the gates of Mexico. On the occupation of the city he was made med. director of the army, on the staff of Gen. Scott, and commenced, with the aid of his associate surgeons, the establishment of hospitals for the sick and wounded. He continued here till the treaty of Guadaloupe-Hidalgo was signed, and then joined the staff of Gen. Butler, who had succeeded Gen. Scott in his command. Being relieved from duty with the army in Mexico, he reported in Washington, and after another brief service on the sea-board, left New York with the 3d reg. of artillery, in the "San Francisco," to make the voyage to California round Cape Horn. After the wreck of this vessel in the Gulf Stream, and the return to New York of the troops who were on board of her, in Feb., 1853, he was assigned to duty as med. purveyor of the army, a position which he held till the close of the war of the rebellion. Having now advanced to the head of the list of army surgeons, he was made brevet brigadier-general, "for diligent care and attention in procuring proper army supplies as medical purveyor, and for economy and fidelity in disbursing large sums of money." Under the operation of the law making the "Peace Establishment" he became chief med. purveyor of the army, during which time he disbursed and accounted for nearly twenty millions of dollars. He was retired by President Johnson in the last days of his administration. The active duties of Gen. Satterlee in a peaceful branch of the military profession prevented his giving that exclusive attention to any special department of the medical profession. The noted care of the troops under his charge and their efficient organization speak for him as a surgeon and a physician as well as an organizer. In June, 1827, he married Mary S., sister of Hon. John Hunt, one of the judges of the supreme court, Detroit, Mich.

OWEN, WILLIAM TALBOT, Louisville, Ky., a grandson of Captain John and Martha (Talbot) Owen, and son of Dr. James Harvey Owen, was born in Claiborne co., Miss., Nov. 3d, 1829. Educated in the univ. of Louisville, he was graduated thence A. B. in 1844, and M. D. in March, 1849. In the latter year he established himself in Louisville, where, save eighteen months—fall of 1849 to spring of 1851—passed at Port Gibson, Miss., he has since remained. He is a member of the Am. med. asso.; of the Louisville coll. of phys. and surg., corresponding secretary in 1868, vice-president in 1877; of the Louisville med. and chirurg. soc.; and of the Ky. State med. soc., a delegate thence to the annual convention of the Am. med. asso. in 1874. Of his professional publications may be mentioned "Critical Epitome of the Differentiæ of Pyæmia and Leucocythæmia," Transactions Louisville coll. of phys. and surg., 1866; "The Cause of Cholera" (published by request), *Philadelphia Medical and Surgical Re-*

porter, July, 1876; "Rheumatism—a Review of Fuller," *Richmond and Louisville Medical Journal*, June, 1868; "Case of Extra-Uterine Pregnancy," *ibid.*, Oct., 1870; and a criticism of "A Note of Warning," etc., by Dr. Ely McClellan, U. S. army, Transactions Ky. State med. soc., 1877. From 1868 to 1870, inclusive, he was prof. of the theory and practice of medicine in the Ky. school of med. He married, Nov. 30th, 1854, Sarah E., daughter of Major Moses T. Hoagland, of Gen. Andrew Jackson's staff, Hunters' Bottom, Ky.

BROOKE, GEORGE W., Ellsworth, O., was born at Goshen, Columbiana co., O., April 29th, 1828. He was educated at Trumbull co., O., and studied medicine at the Cleveland med. coll., graduating in Feb., 1851, and settling at Ellsworth, O., in the spring of 1852 in active general practice. He is a member of the Mahoning co. med. soc.; of the Union med. soc., composed of Columbiana, Stark, Carroll, and Mahoning cos., was its president in 1869 and 1870; and of the Ohio State med. soc. He is the author of a number of articles on medical subjects published in the *Cincinnati Lancet and Observer*. He was presidential elector for the nineteenth Congressional district, Ohio, in 1860, and voted for Mr. Lincoln; and was a member of the Ohio legislature during the years 1868, 1869, 1870, and 1871. He was appointed surg., 12th Ohio vol. cavalry, in 1863, and remained in service, chiefly, however, as brigade surg., till the close of the war. In June, 1852, he married Theda A., daughter of Loren Carter, Esq., of Darien, Genesee co., N. Y.; she died in Dec., 1874.

AGARD, AURELIUS HOMER, Oakland, Cal., was born in Wadsworth, Medina co., O., Oct. 10th, 1822, of New England parents, whose ancestry was English and Welsh. His early education was obtained under private tuition, and at Western Star seminary; studied medicine in the office of Dr. A. Fisher, Western Star, O.; attended lectures at Cleveland med. coll., and Jefferson med. coll., Philadelphia, and graduated at the latter in 1849. He settled at Western Star, where he remained seven years, and then removed to Sandusky city, in 1856; after being nineteen years in the latter place he removed to Oakland, Cal. He is a member of the Summit co. med. soc.; the Erie co. med. soc.; the Northwestern med. asso., O.; also the Ohio State med soc., was its vice-president in 1875; he is besides a member of the Alameda co. med. asso., is its vice-president; member of the med. soc. of the State of California; and member of the Am. med. asso. He has contributed some papers to the medical journals, the most important being one on "Diffuse Traumatic Aneurism," *American Journal of Medical Science*, April, 1856. From 1863 to 1876 he was pension surg. at Sandusky, O. In Oct., 1849, he married Hattie F., daughter of Dr. Joseph Cole, of Akron, O.; she died in 1854. In 1856 he married May R., daughter of P. A. More, Esq., of Sharon, Medina co., O.

STANTON, JOSHUA OTIS, Washington, D. C., was born at Strafford, Strafford co., N. H., Oct. 22d, 1837. He was educated at Strafford acad., and Wolfboro' acad., N. H.; and studied medicine at the Harvard med. coll., Boston, and the Bowdoin med. coll., Brunswick, Me., graduating at the latter in May, 1862. He settled in Washington in 1865, and makes a specialty of diseases peculiar to women. He is a member of the med. asso., and of the med. soc. of the District of Columbia; of the gynæcolog. soc. of Boston (corresponding member), and member of the advisory and consulting board of phys. and surg. of Columbia hosp. for women and lying-in-asylum. He entered the military service in June, 1862, as acting ass't surg., and served in and about Washington till Feb., 1865. In 1864 he was appointed surg. 1st N. H. cavalry, but declined on account of ill-health. In Feb., 1865, was appointed surg., U. S. vet. vols., and attached to provost marshal-general's bureau, and served till October of that year. In May, 1870, he married Ida M., daughter of Dr. William Brooke Jones, of Washington, D. C.

SNOWDEN, JOHN W., Waterford Works, N. J., was born in Philadelphia, April 22d, 1823. He was educated at Engle's classical institute in Philadelphia, and studied medicine at the univ. of Pa., graduating M. D. in 1844. He settled successively in Philadelphia, and Middletown, Del., but removing near Waterford Works in 1846. He is a member of the Am. med. asso., and of the Camden district med. soc., and has been twice president of the latter.

STURGIS, BENJAMIN F., Auburn, Me., of American parentage, was born in Gorham, Maine, Oct. 28th, 1837. He studied medicine in the Maine med. school, and at the Harvard univ. med. dep't, graduating in 1863, and settling first in New Gloucester, Me., removing to Auburn in Oct., 1867. He is a member of the Androscoggin co. med. soc., and of the Maine med. asso. He has held various city offices, and is a trustee of a savings

bank; and during the war was ass't surg. of the 19th reg. vols. He has also been representative in the legislature from Auburn, in 1874–75; and was a member of the Maine senate in 1876–77. In 1859 he married Ellen, daughter of George Hammond, Esq., of New Gloucester; she died in 1868. In 1870 he married Jennie P. Brooks, of Lewiston, Me. Has been U. S. examining surg. for pensions since 1869.

DUNCAN, WILLIAM, Savannah, Ga., of Scotch and Irish parentage, was born in Savannah, Ga., Jan. 4th, 1840. He was educated at Chatham acad., Springfield acad., and Oglethorpe univ., Georgia. He graduated in medicine from the Savannah med. coll. in March, 1861, and from the Rotunda lying-in hosp., Dublin, in 1865. He is also a licentiate in midwifery of the King and Queens coll. of phys., Ireland, 1865. Besides the above, he studied in Kings coll. hosp., London, and in the Paris hospitals in 1865 and 1866, settling in Savannah the latter year. He is a member of the State med. asso. of Ga.; of the Ga. med. soc., treasurer of the latter in 1867, and vice-president in 1877. He is the author of an article on "Excision of Knee-Joint," *Savannah Medical Journal*, 1866; "Report of a Successful Case of Perineorrhaphy," *Boston Gynæcological Journal*, 1872; "Statistical Mortuary Reports of Savannah," etc., etc., annually for several years past. He was demonstrator of anatomy in the Savannah med. coll. in 1867, and at present holds the position of prof. of patholog. anat. in the same institution, and dean of the faculty; superintendent of, and for nine years one of the attending physicians of the Savannah hosp., and for seven years secretary and treasurer of the board of trustees of the Georgia infirmary for colored persons. During the whole four years of the war he was ass't surg. in the Confederate States army, and served in the field and in the hospitals at Savannah, Ga., Harrisonburg, and Richmond, Va. He is an alderman of the city of Savannah, and a member of the board of sanitary commissioners of that city.

EDDY, HIRAM McC., Jersey City, descended in the paternal line from Sir Jonathan Eddy, Surry, England, and in maternal line from Capt. Samuel Alden, of the "Mayflower," 1820, was born at Springville, N. Y., July 14th, 1848. He was educated at the New York univ., graduating in 1872, and settling in Jersey City. His specialty is insanity. He is a member of the medico-legal soc. of New York city; of the district med. soc. of the county of Hudson, N. J.; and is the author of a monograph on neurosis at change of life. He held the position of house phys. of the New York asylum for the insane, on Ward's island, for one year; med. superintendent of the Hudson co. lunatic asylum of N. J. from 1873 to 1875. He has visited all the great asylums of England and the continent to obtain plans for the erection of a retreat for the insane.

ELDER, LORENZO WELTON, Hoboken, N. J., was born in Guilford, Chenango co., N. Y., April 15th, 1820. He was educated at the Guilford district school, and studied medicine at the coll. of phys. and surg. of New York city, graduating in 1847. He settled in Hoboken. He is a member of the district med. soc. of Hudson co.; president of the Hudson co. patholog. soc. From 1859 to 1863 he was superintendent of the public schools in Hoboken; from 1870 to 1872 phys. to Hudson co. hosp.; is health commissioner and president of the board of health and vital statistics for Hudson co.; from 1851 to 1861 was brigade-surgeon State militia, N. J.; was deputy adjutant-general on the staff of Governor Rodman M. Price; and is local medical examiner of the Mutual Benefit life insurance company of Newark, N. J., and of the New York life insurance company. He has also been six years director in a savings bank, and three times tax commissioner for Hoboken. In 1853 he married Helen Hall Craige, of Philadelphia.

EARLE, CHARLES WARRINGTON, Chicago, Ill., of Rhode Island ancestry, whose progenitors came from England, was born in Westford, Vt., April 2d, 1845. He was educated at Beloit coll., Wis., and in the Chicago med. coll., graduating M. D. in 1870, and settling in Chicago. He is a member of the Chicago med. soc., has been its treasurer since 1872; of the Ill. State med. soc., was its ass't secretary in 1876; and of the Am. med. asso. His contributions to medical literature consist of "Homœopathy as it Was and as it Is;" "Electricity in Post-Partum Hemorrhage;" "Scarlatina in Chicago," etc. He entered the army of the Union during the war of the rebellion as private; was discharged late in 1861 for injuries received; re-entered it in 1862 as orderly sergeant of Company C, 96th reg. Ill. vols.; promoted to second lieutenant in 1863; commanded a company at Chickamauga, was taken prisoner, and confined in Libby four months, and then escaped by tunnelling. Rejoined his regiment at Chattanooga; was promoted to first lieutenant; took part in all the fights of the Atlanta campaign, and those of Franklin and

Nashville; and during the last eight months of the war on the staff of Brigadier-Gen. Walter C. Whitaker, as aide-de-camp and ass't inspector-general. From 1870 to 1875 he was prof. of physiology in the Woman's med. coll., and is now prof. of diseases of children in the same institution. He has also been physician to Washington home since 1871. He married, in 1871, Fanny L. Bundy, sister of Major Bundy, editor of the *New York Evening Mail.*

ADAMS, JOHN GLOVER, New York, was born Aug. 12th, 1807, in that city, his parents being of north of Ireland ancestors, who emigrated to this country prior to the revolutionary period. After receiving his academic education at Yale coll., he entered the coll. of phys. and surg., univ. of the State of New York, taking the degree of M. D. in March, 1830. Commencing the practice of his profession in his native city, he has there remained to the present time. For two years he served as phys. to the New York city dispensary, and for several years as phys. to the St. Nicholas soc. He is a fellow of New York acad. of med., of which he was secretary for ten years; fellow and trustee of coll. of phys. and surg.; first president of the New York med. and surg. soc., etc. He is the author of a "Memoir on the Life and Character of Alexander H. Stevens, M. D., LL. D.," read before the New York acad. of med. in May, 1871; also of a "Memoir of Jacob Harsen, M. D.," by appointment of the academy; also of a thesis on "Morbus Coxarius," published in the *New York Journal of Medicine.* In 1852 he edited the *New York Medical Times*, of which four volumes were published. He was married in Oct., 1858, to Margaret Aspinwall Sterling, of Fairfield co., Conn.

CAMPBELL, ROBERT, Augusta, Ga., son of James C. Campbell, of Randallstown, north of Ireland, and Mary R. (Eve) Campbell, of English descent, was born at Woodville, near Augusta, Ga., May 1st, 1826. He was educated in Augusta, and graduated M. D. at the med. coll. of Ga., March 4th, 1847; and received the honorary degree of A. M. from Oglethorpe univ. in 1854. He settled in Augusta, where he remained till 1860, associated with his brother, Professor Henry F. Campbell, afterwards removing to the vicinity of Augusta. He is one of the founders and one of the members of the med. asso. of Ga.; formerly (during its existence) of the original med. soc. of Augusta; and permanent member of the Am. med. asso. His contributions to med. literature consist among others of the following: "Anatomical Peculiarity in Regard to the Nutritious Canals in the Long-Bones," *Southern Medical and Surgical Journal*, Oct., 1848; "The Morbific Influence of Intestinal Worms," *ibid.*, June, 1851; "Case of Senile Gangrene of the Inferior Extremities," *ibid.*, Aug., 1851; "Death from Ovarian Tumor in a Child," *ibid.*, Oct., 1851; "Report on Empirical Remedies," Transactions med. asso. of Ga., April, 1852; "Inverted Toe-Nail, Treatment without Operation," *Southern Medical and Surgical Journal*, Feb., 1857; "Gunshot Wound of the Hand," *ibid.*, July, 1857; "Dysentery, its Pathology and Treatment," Clinical Lectures, pp. 65, *ibid.*, Dec., 1857, Feb. and March, 1858; "On the Treatment of Typhoid Fever," *ibid.*, July, 1858; "Quinine, the Fibrinous Coat of the Blood-Vessels, the Seat of its Ultimate Therapeutical Action," *ibid.*, Aug., 1859. He was also one of the editors of the *Southern Medical and Surgical Journal* from 1857 to 1861. He was demonstrator of anat. in the med. coll. of Ga. from 1854 to 1860, having been ass't demonstrator from 1848 to 1854; adjunct prof. of obstetrics in the same institution from 1860 to 1868; lecturer on clinical medicine at Jackson street hosp. from 1857 to 1860; and phys. to the same from 1854 to 1860. Besides the above he has been tendered the chair of anatomy in four medical colleges. In June, 1848, he married Caroline Frances, daughter of Amory Sibley, Esq., of Augusta, Ga.

CHANDLER, WILLIAM JESSUP, South Orange, N. J., grandson of Hon. William Jessup, LL. D., of Montrose, Pa., was born in Montrose, Susquehanna co., Pa., July 11th, 1842. He was educated at Montrose acad. and Yale coll., class of 1864, and studied medicine at the coll. of phys. and surg., New York, graduating in March, 1868. He was house phys., Bellevue hosp., in 1868 and 1869, and subsequently settled in South Orange. He is a member of the N. J. acad. of med.; of the Essex co. med. soc.; and of the Essex med. union. He holds the position of attending surg. to Memorial hosp., Orange, N. J.; ass't surg. eye and ear infirmary of St. Michael's hosp. of Newark. In March, 1873, he married Jennie, daughter of Gilbert Milligan, Esq., of New York.

BRIGGS, LEMUEL WILLIAMS, Bristol, R. I., son of Dr. Lemuel W. Briggs and Maria (Peck) Briggs, was born in Bristol, R. I., May 21st, 1811. He studied medicine under his father, and attended lectures at Harvard univ. and Castleton acad., Vt., graduating M. D. at the latter in 1833. He settled in Middleborough, Mass., and remained

there till March, 1840, when he removed to Bristol, R. I. He is a member of the Mass. med. soc., and of the R. I. med. soc. In Feb., 1834, he married Elizabeth, daughter of Erastus Woodruff, of Castleton, Vt.

BYRNE, JOHN, St. Mary's, Mo., of Irish extraction, was born in Baltimore, Oct. 20th, 1816. He was educated at St. Mary's coll., Baltimore, received the degree of A. M., and studied medicine at the univ. of Md., Baltimore, graduating M. D. in March, 1837. He settled first in Baltimore; but in 1838 entered the U. S. army, where he remained till 1846, when he established himself in Missouri. In 1849 he again entered the army, and in 1856 he finally located himself at St. Mary's. He held the position of demonstrator of anatomy in the univ. of Md. in 1837. He served under Generals Taylor and Worth in the Florida and Mexican wars.

PEASLEE, EDMUND RANDOLPH, New York, son of the Hon. James Peaslee and Abigail (Chase) Peaslee, of Newton, Rockingham co., N. H., was born in that place Jan. 22d, 1814. He was educated at the New Hampton institution, and Atkinson acad., N. H.; entered Dartmouth coll. in September, 1832; graduated in 1836, served as tutor in his alma mater for two years; studied medicine in the med. dep't of Yale, and there received the degree of M. D. in 1840, having received that of A. M. from Dartmouth the year previously. After his medical graduation he visited Europe for the purpose of still further pursuing his medical studies in the hospitals of London and Paris, and while absent was elected prof. of anat. and physiology in Dartmouth coll., as successor to Dr. Oliver Wendell Holmes. In 1841 he assumed the duties of that professorship, and continued them till 1871, when he resigned and was elected prof. of gynæcology in that college, a position he still holds. He settled in Hanover, N. H., on his return from Europe in August, 1841, and resided there till 1858, when he established himself in New York city, more especially as a gynæcologist. He performed the first successful ovariotomy in New England by the large abdominal section, in Sept., 1850; all of his first six cases, previous to 1857, being successful. He also first made use of injections into the peritoneal cavity after ovariotomy, in 1855. He is a member of the New York co. and pathолog. socs.; of the Medical Journal asso.; of the New York acad. of med.; the med. and surg. soc.; obstet. soc.; physicians' mutual aid soc.; the society for the relief of widows and orphans of medical men; N. Y. State med. soc.; of the Am. gynæcolog. soc.; and the Am. med. asso. He has also been president of the N. H. State med. soc.; was president of the patholog. soc. of New York in 1858; of the New York co. soc., in 1867; obstet. soc., in 1875; of the acad. of med., 1871 to 1873; Medical Journal asso., in 1875; and is president-elect of the Am. gynæcolog. soc. He is also a member of the New York acad. of natural sciences; of the Am. geographical soc.; of the New York historical soc., and other scientific associations; honorary member of the obstet. socs. of Louisville and of Philadelphia; corresponding fellow of the obstet. soc. of Berlin; and honorary fellow of the London obstet. soc. He received the degree of LL. D. from Dartmouth coll. in 1859. His contributions to medical literature, besides others, are as follows: "Human Histology," in 1858, 616 pages, the first systematic work on this subject in the English language; "Ovarian Tumors and Ovariotomy," 1872, 551 pages, the only complete monograph on these subjects which has been published in any language; "Uterine Displacements," *American Medical Monthly*, April and Nov., 1860; "Ovarian Tumors and their Treatment, Except by Ovariotomy," and "Ovariotomy," papers read before the New York acad. of med., March and June, 1864; "Statistics of One Hundred and Fifty Cases of Ovariotomy," *American Journal of Medical Sciences*, June, 1865; "Retroflexion of the Unimpregnated Uterus," Transactions of the N. Y. State med. soc., 1865; "Ovariotomy, When and How to Perform it, and its Treatment," *New York Medical Gazette*, May, 1867; "History of Ovariotomy, and Sketch of Dr. E. McDowell's Life," read before the Medical Journal asso., June, 1870; "Intra-Uterine Medication," *New York Medical Journal*, July, 1870; "Intra-Peritoneal Injections," *American Journal of Obstetrics*, Aug., 1870; "Inflammations and Congestions of the Non-Gravid Uterus," *Medical Record*, Jan., 1876; "Incision and Discission of the Cervix Uteri," *American Journal of Obstetrics*, Aug., 1876. He also was one of the editors of the *American Medical Monthly* during his connection with the New York med. coll., in which appeared a number of his lectures, reports, etc., etc. In 1843 he was appointed prof. of anat. and surg. in the med. school of Me., a position he held for seventeen years; in 1851, prof. of anat. and physiology in the New York med. coll., and in 1853 was transferred to the chair of physiology and general pathology, and still later to that of obstetrics and diseases of women. He resigned this connection in 1860. In 1872 to 1874 he was lecturer upon the diseases

of women in the Albany med. coll.; and since 1874 he has been prof. of gynæcology in Bellevue hosp. med. coll. From 1858 to 1865 he was phys. to the Demilt dispensary, in the dep't of diseases of women; and he has been a surg. to the woman's hosp. since its reorganization in 1872. During the war of the rebellion he was one of the surgeons of the N. E. hosp. in New York city, and was similarly connected with the N. Y. State hosp., on Howard street. In July, 1841, he married Martha T., daughter of Stephen Kenrick, of Lebanon, N. H. [Died Jan., 1878.]

BRUCE, GEORGE W., Moundsville, Marshall co., West Va., was born in Winchester, Va., July 17th, 1827. He was educated at the Virginia military institute, Lexington, Va., and at the univ. of Pa., graduating in April, 1848, and locating himself first in Covington, Ky., but removing, in 1849, to Moundsville. He is a member of the med. soc. of West Va., and has been its vice-president; and for three years mayor of Moundsville. In 1850 he married Mary, daughter of James Burley, Esq., of Marshall co., West Va.; she died in 1866. In 1877 he married her sister Ella.

CRAIG, JAMES, Jersey City, N. J., was born in Glasgow, Scotland, Jan. 22d, 1834. His elementary education was received in Glasgow, and at the univ. of the city of New York, graduating in medicine from the med. dep't of that institution in March, 1861. He is also a licentiate of the med. soc. of New Jersey. He settled in Jersey City immediately after graduating. He is a member of the district med. soc. for the county of Hudson, and of the New York medico-legal soc.; and is the author of various papers read before the district med. soc., and published in the Transactions of the State med. soc. of New Jersey. He was attending phys. of St. Francis' hosp. for some time after its organization. In Dec., 1862, he married Catharine, daughter of Angus Nicholson, of Portree. Isle of Skye, Scotland.

SPITZKA, EDWARD CHARLES, New York, was born in New York city, Sept. 20th, 1851. He was educated in New York, and received a liberal education in the New York free acad. (now city coll.) He then studied medicine in the univ. of the city of New York, graduating from the med. dep't on Feb. 21st, 1873. After passing over two years at German universities he settled in New York city, having, while abroad, become assistant to Professor Shenk in the latter's laboratory for embryology and histology at Vienna. In Aug., 1877, he was awarded the W. and S. Tuke prize of one hundred guineas by the medico-psycholog. asso. of Great Britain, for the best essay on "The Somatic Etiology of Insanity," in international competition. He is chiefly engaged in the practice of mental and nervous diseases, as well as in anatomical, embryological, and histological researches. He is a member of the Am. neurolog. asso.; vice-president of the New York neurolog. soc.; member of the Medical Journal and library asso., also of the New York co. med. soc., and was a member of the International medical congress which met in Philadelphia, 1876, and before which he read a paper. He is the author of "A Second Origin of the Abducens," *New York Psychological Journal*, May, 1876; "On the Connection Between the Symptoms of Insanity and the Lesions on which they Depend," Transactions of the International medical congress; "The Psychological Pathology of Progressive Paresis," *Journal of Mental and Nervous Diseases*, April, 1877; "Contributions to Encephalic Anatomy," *ibid.*, Oct., 1877, etc.

SHEPPARD, JOSEPH, Bridgeton, N. J., son of Henry Sheppard, and a descendant of David Sheppard, who immigrated from England to America, and settled in south New Jersey in 1683, and of Sarah (Buck) Sheppard, of New Jersey, was born in Bridgeton, Cumberland co., N. J., June 28th, 1828. He was educated in the schools of Bridgeton, and Newark, Del., and studied medicine under Dr. William Elmer, of Bridgeton, and at the univ. of Pa.; graduated in April, 1849, and commenced practice first at May's Landing, but subsequently removed to Bridgeton. In 1861 he was appointed ass't phys. to the insane dep't of Blockley almshouse, and subsequently, in 1862, elected resident phys. of Philadelphia hosp. He is a member of the district med. soc. of Cumberland co., and has been its treasurer since 1867. In 1863 he was appointed acting ass't surg., U. S. vols., and was on duty at the Mower U. S. army hosp., Chestnut Hill, Philadelphia, where he remained for upwards of two years. He finally settled in Bridgeton, in the spring of 1866, and was appointed phys. to Cumberland co. almshouse and jail, a position he still retains.

SKINNER, DANIEL MOORE, Belleville, N. J., son of Benjamin F. and Eleanor (Stockholm) Skinner, was born in Orange, N. J., May 1st, 1835. He studied medicine in the office of Dr. Wm. Pierson, Jr., of Orange, and graduated at the univ. of

the city of New York, in 1858. He settled in Caldwell, but in 1861 entered the U. S. navy, where he remained till 1865, and then settled at Belleville. He is a member of the Essex district med. soc.; of the Essex med. union; of the Am. med. asso.; and of the New Jersey historical soc. In Oct., 1859, he married Mary Clarissa, daughter of Stevens Squier, of Newark, N. J.

WRIGHT, CHARLES EDWARD, Indianapolis, Ind., was born in Indianapolis, Ind., Nov. 1st, 1843. He was educated at Greencastle, Ind., at the Indiana Asbury univ., and in Cincinnati, O., and studied medicine at the med. coll. of Ohio, graduating M. D. in March, 1868, and settling in Indianapolis, in general practice, but making a specialty of diseases of the eye, ear, and nose. He is a member of the Indianapolis acad. of medicine, its secretary in 1868; of the Marion co. med. soc.; and of the Ind. State med. soc. His thesis on "Spontaneous Evolution" was published in the *Western Journal of Medicine*, March, 1868; and his reports on "Diseases of the Eye and Ear" in the Ind. State med. soc.'s Transactions for 1870–71. He is also editor of the *Indiana Medical Journal*, to which he has contributed many editorials, reports of cases, etc. During the war he held the position of quarter-master sergeant of camp of instructions, afterwards superintendent of commissary stores at Nashville, Tenn., and chief clerk of chief commissary of subsistence dep't of Kentucky, in the Union army. He was demons. of anat. in the Indiana med. coll. in 1869; prof. of diseases of the eye, ear, and nasal cavities; prof. of materia medica and therapeutics in and secretary of the Indiana med. coll.; member of the staff of the city hosp.; and phys. to the St. John's home for invalids. He was president of the board of health of Indianapolis during 1875, 1876. In Nov., 1870, he married Anna, daughter of Emanuel Haugh, Esq., of Indianapolis.

GEDDINGS, JOHN FREDERIC MECKEL, Charleston, S. C., son of Eli Geddings, M. D., and Mary (Wyatt) Geddings, of English and Franco-Irish extraction, was born in Charleston, S. C., Sept. 14th, 1829. His classical and mathematical education was obtained at a private school, and his medical education at the med. coll. of the State of South Carolina; at Frederick-William univ., Berlin, Prussia; in Paris and in Vienna, graduating at the first-named institution M. D., 1849. He settled in Charleston in 1852 in general practice. He is a member of the med. soc. of South Carolina, has been its vice-president, and is its president; of the South Carolina med. asso., is its president; and has been vice-president, and is corresponding secretary of the Elliott soc. of natural history, of Charleston, S. C. His contributions to medical literature consist of "An Essay on Uræmia, or Uræmic Intoxication," Transactions of the South Carolina med. asso., 1871; "Pathologico-Therapeutic Studies of Catarrhal Pneumonia," *Charleston Medical and Surgical Journal and Review*, 1873–74; "Historico-Pathological Sketch of Bright's Disease," Transactions of the South Carolina med. asso., 1875; "Nature and Treatment of Gonorrhœal Rheumatism," *Charleston Medical and Surgical Journal and Review*, 1876; besides Reviews, Transactions, etc. He has held the position of prof. of the institutes and practice of medicine in the med. coll. of the State of S. C. He was surg. of the provisional army of the Confederate States in 1862; in charge of post hosp., Adams Run, S. C., same year; senior surg. of brigade and med. inspector, and chief surg. of division for second military district in 1863; and surg. in charge of third Georgia hosp., Augusta, Ga., in 1864. In Jan., 1856, he married Henrietta, daughter of the late Prof. Henry R. Frost, M. D., of the med. coll. of the State of S. C.

VAUGHAN, BOLIVAR A., Columbus, Miss., was born at Scotland Neck, N. C., Sept. 18th, 1829. His father and mother were both natives of this country, but his ancestry is English and Scotch. His general education was obtained at Columbus, Miss., in the Franklin acad., and at the univ. of Virginia, and his medical education at the univ. of Virginia, and Jefferson med. coll., Philadelphia. From the latter he graduated in 1854, and settled at Columbus. His practice is general, but gynæcology has become his specialty. He is a member of the Am. med. asso.; of the State med. soc. of Miss.; and of the Columbus and Lowndes co. med. asso., of the latter of which he was president in 1874–75. Was vice-president of the Miss. State med. soc. from 1875 to 1876; president of the State asso., 1877–78; and secretary of the section of practice of medicine and materia medica of the Am. med. asso. during 1876–77. He has written on the following subjects: "Air as a Physician;" "Water as a Disease-Producing Agent;" "Chemical Thermometry;" "Quinine, its Therapeutic Characteristics;" "Uterine Colic;" and "Improvement in the Treatment of Uterine Diseases." He is principal of the Franklin acad. of Columbus, and was also an alderman of that city; has held the position of chair-

man of the district executive committee (1873); was member of the same committee for Lowndes co., Miss., in 1875–76; and is president of the city of Columbus school district. He was surg. of the 14th Mississippi reg.; post surg. Macon and Lauderdale, Miss.; surg. in chief hosp., Macon, Miss., and Lauderdale Springs; and surg. in charge of camp paroled and exchanged prisoners, Jackson, Miss. He was also surg. in chief blind asylum hosp., Jackson, Miss.; surg. for the State of Miss. at Atlanta, Ga.; and med. director of the State of Miss. during the civil war. In 1853 he married M. Wade, daughter of P. B. Wade, Esq., of Columbus, Miss.

PARVIN, THEOPHILUS, Indianapolis, Ind., son of the Rev. Theophilus Parvin, of Cumberland co., N. J., and Mary (Rodney) Parvin, of Wilmington, Del., was born in Buenos Ayres, South America, Jan. 9th, 1829. He graduated at the State univ. of Indiana in 1847, studied medicine at the univ. of Pa., and graduated M. D. in 1852, settling in Indianapolis in 1853, and residing there ever since, except one year, when he was one year in Cincinnati. He was prof. in the med. coll. of Ohio from 1864 to 1869; in the med. dep't of the univ. of Louisville from 1869 to 1872; and is now prof. of obstetrics and diseases of women and children in the coll. of phys. and surg. of Indiana. He is a member of the Ind. State med. soc., once its president; and permanent member of the Am. med. asso. He received the degree of LL. D. conferred upon him by Hanover coll. In June, 1853, he married Rachel, daughter of Amos Butler, Esq., of Hanover, Ind.

LEE, CHARLES CARROLL, New York, was born in Philadelphia, March 24th, 1838. He was educated at Mount St. Mary's coll., Emmittsburg, Md., and graduated thence in 1856. He studied medicine at the univ. of Pa., and received his diploma of M. D. in 1859. After graduating he served as house phys. and surg. in the Wills' hosp., Blockley hosp., and the Pa. hosp. successively, and after leaving the latter he entered the regular army of the U. S. In 1867 he was sent to New York as a member of a medical examining board for the army, and after the termination of this service, resigning his commission, he settled immediately in New York in general practice. He is a member of the New York co. med. soc.; of the acad. of med.; and of the pathолog. soc. of New York; of the Medical Journal asso.; and obstetrical soc. His contributions to medical literature have been on "Gynæcology," "Syphilis," "Lithotomy," etc. He is surg. of the Charity hosp.; phys. to the New York foundling asylum; ass't surg. of woman's hosp.; and phys. med. aid asso., etc., etc. During the war of the rebellion he was ass't surg. in the U. S. army. In Nov., 1863, he married Helen Parrish, daughter of the late Dr. Isaac Parrish, of Philadelphia.

RANKIN, WILLIAM, Jr., Newark, N. J., son of William Rankin and Ellen H. (Stevens) Rankin, of Newark, was born in Cincinnati, O., March 13th, 1848. He was educated at Newark acad., Vt., Rutgers coll., N. J., whence he graduated A. B. in 1868, and he studied medicine at the coll. of phys. and surg., New York, and received his degree of M. D. in 1871. After spending a year in the hosp. at Vienna, he settled in Newark, in general practice, but making a specialty of diseases of the eye and ear. He is a member of the Am. ophthalmolog. soc.; of the Am. otolog. soc.; of the district med. soc. of Essex co., is now its treasurer; of the N. J. acad. of medicine; and of the local med. soc. of Newark; and in 1876 was a member of the international ophthalmolog. and otolog. congresses. In 1873 he married Annie, daughter of A. A. Hall, Esq., of Newark.

DOWLER, BENNET, New Orleans, La., son of Edward Dowler and Eleanor (Riggs) Dowler, was born in Virginia, April 16th, 1797. He was educated in West Pennsylvania, West Virginia, and in the univ. of Maryland. He graduated M. D. in 1827. He located himself first in Clarksburg, Harrison co., Va., but removed to New Orleans in May, 1836. In 1824 he was elected a member of the med. soc. of Baltimore. He is also a corresponding member of the acad. of sciences of St. Louis; of the society of statistical medicine of New York; and of the acad. of natural sciences, Philadelphia; also a fellow and honorary vice-president of the medico-chirurg. coll. of the same city (now defunct); of the med. soc. of Virginia; of the Royal med. soc. of Copenhagen; a fellow and founder of the Royal socs. of northern antiquities, Copenhagen; permanent member of the Am. med. asso., was chairman of its committee on medical science in 1850–51; as well as of other societies. He held the office of postmaster in Harrison co., Va., from 1832 till his removal to New Orleans in 1836, and since his residence in that city he has repeatedly declined professorships, and also foreign consulships, which the citizens of New Orleans had

decided to apply for him. His writings, both published and unpublished, have been very voluminous. He has printed about fifteen hundred pages of matter on medical subjects, principally on physiology, and his writings now in manuscript number thirty folio volumes. He early defended the vitality of the blood, and his investigations on the subject of nervous action led him to the belief, adverse to that which was generally entertained, of the existence of various pairs of nerves, but in the oneness, unity and diffusion of the nervous system. He published a work of "Experimental Researches" on this subject, in which he claims priority over other authors on nervous action; his contributions to medical literature having began as early as 1841.

ROBINSON, PAUL GERVAIS, St. Louis, Mo., of Huguenot and Irish ancestry, was born in Charleston, S. C., Aug. 22d, 1834. He was educated at the Charleston academic coll., graduating A. B. in 1854, and studied medicine in the S. C. med. coll., Charleston, where he received the degree of M. D. in 1856. After graduating he spent two years at the école de médicin, Paris. On returning he settled first in Charleston, and in 1867 removed to St. Louis. In 1866 he was chief of clinic to Prof. E. Geddings in S. C. med. coll., and adjunct to chair of practice of medicine. In 1869 he was elected to professorship of principles of diagnosis and clinical medicine in Mo. med. coll., and in 1877 to that of principles and practice of medicine, and the deanship in the same institution. He is a member of the medico-chirurg. soc. of St. Louis, and was chairman of the section of practical medicine at the last session of the Am. med. asso. He entered the service of the Confederate States in the civil war, and was connected at various times with the 1st S. C., and 22d N. C., and 3d Ala. regs., as surg., and served till the close of the war. In 1858 he married Elizabeth, daughter of Samuel Henry Dickson, late prof. of principles and practice of medicine at Jefferson med. coll., Philadelphia; she died in 1861. In June, 1869, he married Lina, daughter of Hon. Bernard Pratte, of St. Louis, Mo.

CROTHERS, THOMAS DAVISON, Hartford, Conn., was born, Sept. 24th, 1842, at West Charlton, Saratoga co., N. Y. His father was a farmer, and a man of prominence in his neighborhood, of Scotch-Irish descent; on his mother's side he is a descendant of Cotton Smith, celebrated in the history of New England. He was educated at the Fort Edward institute, and graduated at the Albany med. coll., in Jan., 1865, settling in September of that year at West Galway, Saratoga co., N. Y., whence, in March, 1870, he removed to Albany, and in April, 1876, he became ass't phys. of the N. Y. State inebriate asylum, at Binghampton. In 1872 he was phys. to the Albany dispensary; and in 1874 he was appointed clinical ass't in the Albany med. coll., and lecturer on hygiene. In 1874 he began the study of inebriety, to which his attention has since been chiefly directed. He is a member of the Saratoga co. med. soc.; the Albany co. med. soc.; the Am. asso. for the cure of inebriates, of which he was made secretary in 1875; and the Albany institute. He has published numerous articles on "Oxygen Gas;" "Inebriety," and various hygienic subjects, many of which have attracted attention; among them one, published in the *Medical and Surgical Reporter*, on "Milk in Disease," and another on "Soap as an Agent in Disease, and the Cooling of the Body after Death," as also his essays on "Inebriety in the Albany Penitentiary," and on the "Etiology of Inebriety." In 1876 he became the editor of the *Quarterly Journal of Inebriety*, published by the Am. asso. for the cure of inebriates. In 1864 he was medical cadet of the U. S. general hosp. at Albany, N. Y. He is medical examiner of the Charter Oak life insurance company. In 1877 he was elected superintendent of Walnut Hill inebriate asylum, Hartford, Conn., where he is at present. He was married in May, 1872, to Mrs. Risederph, of Albany, N. Y.

WHITCOMB, JAMES B., Brooklyn, Conn., was born in Bolton, Mass., Sept. 1st, 1804. He received an academic education at Leicester acad., Mass., and studied medicine under Dr. Flint, of that place, at the med. school of Boston, and at the Bowdoin med. school in Brunswick, Me., from which institution he graduated in May, 1826, settling in Brooklyn, in 1827. He removed to La Porte co., Ind., in 1836, but returned to Brooklyn in 1840. His specialty is surgery. He is a member of the Conn. State med. soc., and for forty-nine years of the Windham co. med. soc.; for seventeen years its secretary. He entered the army in Oct., 1861, as surg. of the 11th Conn. vols., and went south with the Burnside expedition to North Carolina. He remained in the army till Dec., 1865. He represented Brooklyn in the legislature in 1866 and 1876, and was eight years trustee of the State reform school of Meriden. He was also appointed to visit the industrial schools of Massachusetts and

Rhode Island by the legislature of his State, and in 1872 was a delegate to the World's prison reform convention held in London, and again in 1874 to the Prison reform convention in St. Louis, Mo. In 1830 he married Mary Louisa Fisher, daughter of David Fisher, Esq., of Killingly, Conn. She died in 1848. In 1849 he married Maria E. Spalding, daughter of Judge Bela P. Spalding, of Brooklyn, Conn. She died in 1873.

WILE, WILLIAM C., Sandy Hook, Conn., son of Rev. Benjamin F. Wile, was born in Pleasant Valley, Dutchess co., N. Y., Jan. 23d, 1847. He was educated at Germantown, Philadelphia co., Pa.; and at College Hill, Poughkeepsie, N. Y., and studied medicine at the univ. of New York, Dr. J. M. Dwan, of Pleasant Valley, Dutchess co., N. Y., being his preceptor. He graduated thence M. D. in March, 1870, settled first in New York, then in New Brunswick, then to Highland, Ulster co., N. Y., and lastly at Sandy Hook. His specialty is surgery. He is an hon. member of the Ulster co. med. soc., and of the Fairfield co. med. soc., Conn. In April, 1871, he married Eliza Scott, daughter of Henry D. Garretson, Esq., of New York city.

THOMPSON, BRADFORD SMITH, Salisbury, Conn., son of Leonard Thompson and Abby Townsend (Cary) Thompson, of New York city, was born in Thompson, Conn., June 13th, 1832. He was educated at Woodstock and West Killingly acad., and studied medicine under Dr. Alfred C. Post and Dr. James R. Wood at the univ. of New York, and at the Bellevue hosp. med. coll. He graduated M. D. at the former in 1861, and at the latter in 1867. He also received the hon. degree of A. M. from Yale coll. in 1872. He first located himself in New York, and remained there till 1873, with the exception of the four years of the war; he then removed to Salisbury. He is a member of the Am. med. asso.; of the New York acad. of medicine; of the Conn. State med. soc.; of the Litchfield co. med. soc.; was librarian of the N. Y. Med. Journal asso. from 1865 to 1870; statistical secretary of the New York acad. of medicine from 1870 to 1873, and corres. secretary of the med. soc. of the county of New York during the same term. He was ass't editor of the *New York Medical Record* from 1865 to 1873, and in which he published the following papers: "Yellow Fever Epidemic, Key West, Florida," 1864; "Malt Liquors and their Therapeutical Action," vol. iv.; "Medical Recollections of England in 1868," vol. v.; "Indigestion and its Management," *American Practitioner*, Jan., 1873; "On Scarlet Fever," published in the *American Journal of Obstetrics*, May, 1873. He was also editor of the department of "Diseases of the Stomach," etc., in the 1st vol. of the New York patholog. soc., under charge of Dr. J. C. Peters. He was ass't surg. U. S. army from April, 1862, to Oct., 1865, and stationed at Key West, Florida, during 1863, 1864 and 1865. He made an extensive tour in Great Britain and France in 1867 and 1868, and visited the prominent hospitals and medical institutions, etc., in London, Liverpool, Manchester, Norwich, Edinburgh, Glasgow and Dublin. In Nov., 1875, he married Isabella G., daughter of Rev. Adam Reid, D. D., of Salisbury.

YOUNG, CLEMENT CHAPMAN, Jersey City, N. J., son of Col. Clement Young, of Maryland, and Marion E. (Hunter) Young, adopted daughter of Gov. Alexander Hunter, of Va., was born in Washington, D. C., March 1st, 1853. He was educated at Rock Hill coll., Ellicott City, Md., and studied medicine at Bellevue med. coll., New York, whence he graduated M. D. in 1874, settling in Jersey City. He is a member of the district med. soc., county of Hudson, was its secretary from 1874 to 1876; reporter to N. J. State med. soc., from district med. soc., county of Hudson, for 1877, and has read various papers on medical subjects at its meetings. He was house phys. and surg. to Jersey City charity hosp. in 1873, having previously been assistant to that office. He was city phys. to the 5th district, Jersey City, from March 16th, 1876, to Oct. 16th, 1877.

VOORHEES, SYLVANUS R., Mason, O., was born in Mason, Warren co., O., Oct. 31st, 1831. He was educated at Monroe acad., Monroe, O., and studied medicine at Miami med. coll., graduating M. D. in March, 1868, and settling at Mason, O. He is a member of the Lebanon, O., med. soc., and of the Ohio State med. soc., and alumni of the Miami med. coll. He is the author of a paper on "Scarlatina Pneumonia." In 1855 he married Jennie E. Robison. She died in 1864. In 1868 he married Eliza E. McKeehan, daughter of George McKeehan, Esq., of Jenning co., Ind.

CARLETON, CHARLES MONRO, Norwich, Conn., a descendant of Sir Dudley Carleton, of England, was born in Waterford, Me., April 28th, 1838. He was educated at Phillips Exeter acad.; studied medicine at Harvard med. school, graduating

M. D. in March, 1861. He subsequently studied one year in Paris and Montpellier, France. Settled in Norwich, Conn. Specialty, surgeon and oculist. He is a permanent member of the Am. med. asso.; and a member of the Conn. med. soc. He is vice-president of the latter (1877). His contributions to medical literature consist of essays and dissertations before societies, and communications to medical journals. During the civil war he was surg. of the 18th reg. Conn. vols., and brigade surg. at Fort Marshall. In Dec., 1859, he married Mary, daughter of William A. Greenwood, of Boston, Mass.

HAMMOND, WILLIAM ALEXANDER, New York, son of Dr. J. W. Hammond and Sarah (Pinckney) Hammond, both descendants of old Maryland families, was born in Annapolis, Md., Aug. 28th, 1828. He received his academic education at Harrisburg, and pursued his medical studies at the univ. of New York, whence he graduated M. D. in March, 1848. He resided in Philadelphia one year after graduating, during which he was in attendance at the Pa. hosp.; subsequently at Saco, Me.; and after six months entered the U. S. army as ass't surg. Here he remained eleven years, and then in the autumn of 1859 accepted the appointment of prof. of anatomy and physiology in the univ. of Md., at Baltimore. As surgeon of the Baltimore infirmary he attended the wounded men of the 6th Mass. reg., who were fired on by the mob of Baltimore while passing through the city to the defence of Washington. He subsequently resigned his professorship, and re-entered the army as ass't surg., in the spring of 1860 (he having lost his rank acquired by previous service), and was attached to Gen. Patterson's head-quarters, at Chambersburg and Frederick, as medical purveyor. He subsequently organized the Camden street hosp., in Baltimore, of which he remained in charge for several months, and was assigned to duty in the dep't of West Va., then under command of Gen. Rosecrans, by whom he was appointed medical inspector of camps and hospitals. In the spring of 1862, at the urgent request of the sanitary commission, and by the advice of Gen. McClellan, he was appointed surgeon-general of the army of the United States, with the rank of brigadier-general. From inexperience, the hospital systems which had prevailed in the old army were useless, and from his former connection with the army, and his perfect familiarity with foreign military systems, this branch of the service was from the beginning of his administration made the great object of his attention; and he succeeded, in the face of serious obstacles, in inaugurating a hospital system which was alike creditable to the country and to the age, the sick and wounded being better cared for in every respect in our military hospitals than ever before, and the rate of mortality in them being "far lower than had been observed in the experience of any army since the world began." He was also the originator of the army medical museum, which he established by a special order, and of the "Medical and Surgical History of the Rebellion," the whole plan of which was laid down in circulars, addressed to the medical corps, during the first year of his administration. During the whole of his service as surgeon-general his personal and official relations with the secretary of war were unfortunately, for the good of the army, of an unpleasant character. It would be improper for us in this place to enter into the discussion of all the causes which led to Dr. Hammond's removal from office, especially as there is reason to believe that the act of injustice done him will ere long be fully reversed. It is sufficient to say that on his dismissal, in 1864, he settled in New York, where he was soon afterwards appointed lecturer on diseases of the mind and nervous systems in the coll. of phys. and surg. of that city. He resigned this after a short while to accept the professorship of the same branches in the Bellevue hosp. med. coll. (the chair having been created for him). In 1874 he also resigned this and accepted a like professorship in the med. dep't of the univ. of the city of New York, which he now holds. He is also professor of diseases of the mind and nervous system in the univ. of Vt., at Burlington, a position requiring his attendance a short time in the summer. His contributions to medical literature are as follows: "Physiological Memoirs," Philadelphia, 1863; "A Treatise on Hygiene, with Special Reference to the Military Service," Philadelphia, 1863; "Lectures on Venereal Diseases," Philadelphia, 1864; "On Wakefulness, with an Introductory Chapter on the Physiology of Sleep," Philadelphia, 1865; "On Sleep and its Derangements," Philadelphia, 1869; "Insanity and its Medico-Legal Relations," New York, 1866; "A Treatise on the Diseases of the Nervous System," New York, 1871—sixth edition, New York, 1876; "The Physics and Physiology of Spiritualism," New York, 1870; "Clinical Lectures on Diseases of the Nervous System," New York, 1874; "Insanity in its Relations to Crime," New York, 1873; "Spiritualism and Allied Causes and Conditions of Nervous Derangement," New York, 1876. In addition he has contributed to the medical journals, and to the Transactions of the societies with which he is connected, a large num-

ber of essays and memoirs on physiological, psychological, and neurological subjects. He was also editor and originator of the *Maryland and Virginia Medical Journal*, published at Baltimore; one of the editors and originators of the *New York Medical Journal;* and editor and originator of the *Quarterly Journal of Psychological Medicine and Medical Jurisprudence*. He is fellow of the coll. of phys., and member of the patholog. soc.; of the acad. of nat. sciences; and of the Am. philosophical soc. of Philadelphia; of the N. Y. county medical, neurological, and medico-legal socs.; of the New York Medical Library and Journal asso.; of the Am. neurolog. and anthropolog. assos.; of the Am. geographical soc.; fellow of the Am. acad. of arts and sciences, Boston; honorary corresponding member of the British med. asso.; honorary member of St. Andrew's medical graduates' asso., Scotland; corresponding member of the anthropological institute of Great Britain and Ireland; foreign member of the medico-chirurgical soc. of Edinburgh; member of the Verein für gemeinschaftlichen, Heilkunde, Germany; of the Verein Würtemburgischer, Wundärzte, und Gebrutshelfer, Germany; and of the Provencaal Utrechtsche Genootsshaf van Künsten en Wetenschappen, Holland, etc., etc. In July, 1849, he married Helen, daughter of the late Michael Nisbet, Esq., of Philadelphia.

BOKER, CHARLES STEWART, Philadelphia, Pa., was born in that city, Oct. 22d, 1828. He is a graduate of Princeton coll., N. J., and also of the med. dep't of the univ. of Pa. He graduated from the latter in 1852. He has always resided in Philadelphia; and outside of his private practice, holds the position of one of the surgeons in St. Joseph's hospital.

CHASE, FRANK W., Shenandoah, Iowa, son of Dr. S. B. Chase, of Osage, Iowa, was born in Portland, Me., July 19th, 1850. He moved to Osage, Iowa, with his father in the fall of 1855. Graduated at Cedar Valley seminary, Iowa, June 27th, 1871; at Rush med. coll., Feb. 17th, 1874; and settled at Shenandoah, Iowa, Jan. 1st, 1875, where he is still in practice. He married Frances C. Babcock, of Osage, Iowa, July 14th, 1874; and has one son.

FINLEY, CLEMENT A., Philadelphia, son of Samuel Finley, of Scotch-Irish descent, a major in the Virginia line during the revolutionary war, who commanded a regiment of riflemen on the frontier, and who was also receiver of public moneys, from the sale of public lands, during the administration of Washington, was born at Newville, Cumberland co., Pa., in 1797. He was educated at Washington coll., Pa., and studied medicine at Chillicothe, O., and in the med. dep't of the univ. of Pa.; graduated M. D. from that institution, 1818. In August of that year he entered the U. S. army as surgeon's mate of the 1st reg. infantry, stationed at Baton Rouge, La., and subsequently filled the positions of ass't surg.; and was medical director in the field in the Black-Hawk, Seminole, and Mexican wars. He also passed eight years on the frontiers, in Arkansas, Louisiana, and Florida, accompanying the commands that established Fort Leavenworth, Jefferson barracks and Gibson; and was on one of the earliest expeditions to the Rocky mountains, in 1834. In 1861 he succeeded Gen. Lawson as surgeon-general of the U. S. army. In 1862 he was retired from active service on his own application, after having served forty-four years. The commission of brevet brigadier-general was given him by the President for long and faithful service. In 1832 he married Elizabeth, daughter of Dr. Samuel Moore, at that time director of the United States mint, and formerly member of Congress from Bucks co., Pa.

CAMPBELL, AMORY SIBLEY, Augusta, Ga., son of Dr. Robert Campbell, of Augusta, was born in Augusta, Ga., April 30th, 1849. He received his literary education at the univ. of Ga., at Athens, from which he graduated A. B., with the first honor of his class, in 1870. He studied medicine in the med. coll. of Ga., and received his diploma as M. D. in March, 1872, settling in Augusta in professional association with his uncle, Prof. Henry F. Campbell. Among his successful surgical operations may be mentioned: one for the relief of strangulated umbilical hernia (entero-epiplocele), occurring during pregnancy, and one of excision of a fibro-lipoma of the spermatic cord, in 1876. He is a member of the med. asso. of Ga., elected 1876; was its orator the same year; and has been on some of its important committees; also a member of the Augusta library and med. soc., its treasurer in 1874–75, its secretary, 1876–77; and is its reporter on the section of practice of surgery. He is the author of "Medicine the Offspring of all the Sciences," valedictory address, med. coll. of Ga., March, 1870; "Enthusiasm in Science," annual address, before the med. asso. of Ga., its Transactions, 1876; "Full-Term Extra-Uterine Gestation of the Tubo-Ovarian Form, with Special Examination of the Sac, Uterus, and Appendages," *American Journal of Obstetrics and Diseases of Women and*

Children, Oct., 1876; and "Pneumatic Pressure and the Genu-Pectoral Posture in the Reduction of Uterine Luxations," *ibid.*, Jan., 1877. He has held the position of demons. of anat. in the med. dep't of the univ. of Ga. in 1875–76; having been prosector to the prof. of operative surgery and surgical anatomy in 1873–74, and in 1874–75 to the prof. of operative surgery and gynæcology in the same institution. He has been one of the attending phys. to the Freedman's hosp., and one of the phys. to the Augusta city dispensary.

SANFORD, GEORGE WILLIS, Tariffville, Conn., son of Joseph Sanford and Hopey Sanford, of New Haven, was born in Litchfield, Conn., Dec. 20th, 1807. He was educated at a classical school in Granville, Mass., and studied medicine from the med. dep't of Williams coll., Mass., graduating M. D. in 1836, and settling in Tariffville in general practice, but giving special attention to diseases of women and children, especially obstetrics, in the course of his practice having performed over four thousand obstetrical operations. He is a member of the county and State med. socs., was president of the former in 1874, and vice-president of the latter in 1875; of the lyceum of natural history of the Berkshire medical institution, and of the Am. med. asso. He has held the offices of justice of the peace and postmaster under Harrison and Taylor; has been school visitor for thirty-five years; was a member of the house of representatives in 1845, 1871 and 1875, and member of the committee on humane institutions. In Feb., 1830, he married Jane E. Adams, of Tariffville. She died in March, 1872. In Nov., 1872, he married Ada L., daughter of Jonathan Eno, Esq., of Simsbury, Conn.

BRACKETT, JOHN ELY, Washington, D. C., son of Dr. Lyman Brackett, a descendant of Philip Brackett, who came to this country with Gov. Winthrop, in 1630, and nephew of Dr. James W. Brackett and Col. A. G. Brackett, 2d U. S. cavalry, was born at Rochester, Ind., Dec. 31st, 1846. He was educated at Washington, D. C., and at Norwalk, Conn., and studied medicine at the National med. coll., Washington, and the Ludwig Maximillian univ., Munich, Bavaria, graduating at the former in March, 1870, and at the latter in May, 1873, and settling in practice first at Rochester, Ind., and afterwards at Washington in general practice, but devoting himself specially to diseases of females. He is a member of the med. asso. of the D. of C.; of the med. soc. of Washington; of the alumni asso. of the National med. coll., is president of the latter. He held the position of phys. to the poor in the 5th sanitary division of Washington, D. C.; is prof. of materia medica and therapeutics in the med. dep't of Howard univ., ass't surg. at Providence hosp., and lecturer on physiology at Capital Hill seminary.

WARNER, LEVI FARR, Boston, Mass., of Scotch parentage, was born in Norwich, Chenango co., N. Y., Oct. 25th, 1822. His academic education was received at the Mexico, N. Y., acad., and his medical studies were pursued at the Geneva med. coll. in 1842 and 1843, and the Lind univ., Chicago, graduating from the latter M. D. in 1862. He located himself first in Vienna, Oneida co., N. Y., then removed to St. Louis, and finally established himself in Boston in 1868, giving exclusive attention to gynæcology. He is a member of the Mass. med. soc., and of the Am. med. asso., of which he was vice-president in 1874. He was one of the original founders of the Boston gynæcological soc. (the first society of the kind formed in America). During the war he was ass't med. examiner of the 1st district of Missouri. In 1844 he married Marietta P., daughter of Cyrus Turney, Esq., of Mexico, N. Y.

GRIFFITH, JOHN HENRY, Phillipsburg, N. J., of Welsh and Dutch descent, son of James V. Griffith and Sarah P. (Woolley) Griffith, was born at Waln's Mills, Monmouth co., N. J., July 3d, 1842. He was educated in the schools of his native State, and studied medicine at the Jefferson med. coll., Philadelphia, and Bellevue hosp. coll., New York, and graduating in March, 1870, from the former institution; settled in Phillipsburg, Warren co., in ordinary practice. He is town physician of Phillipsburg. In Aug., 1869, he married Ella K., daughter of William and Susan Knowles, of Philadelphia.

HARRIS, PHILANDER A., Dover, N. J., son of Cummins O. Harris and Abigail (Wintermute) Harris, was born at Johnsonsburg, N. J., Jan. 29th, 1852. He was educated at Schooley's Mountain seminary, Morris co., N. J., and studied medicine at the univ. of Mich., and at the coll. of phys. and surg., New York, graduating M. D. at the former in March, 1872, and at the latter in Feb., 1873, and settling first at Mine Hill, Morris co., and then at Dover in general practice, but giving a specialty to surgery. He is a member of the Morris district med. soc. He has contributed a paper on "A

Case of Hip-Joint Excision," to the Transactions of the N. J. med. soc. for 1874; "Apparatus for Supporting Patients while Applying Plaster of Paris in the Treatment of Fracture of Femur," *Medical Record*, vol. x.; "Ununited Fracture of Tibia Successfully Treated by Exsection," etc., Transactions of the N. J. med. soc. for 1876; "Autoplastic Operation for the Treatment of Web-Finger," etc., *Medical Record*, vol. xii. In Nov., 1876, he married Maggie, daughter of Thomas Rowson, Esq., of Cheshire, England.

SCOTT, XENOPHON CHRISTMAS, Cleveland, O., son of John and Elizabeth C. Scott, was born at Hayesville, Ashland co., O., on Dec. 4th, 1842. Prepared for college at Vermillion institute, Hayesville, O., and completed his collegiate course at Jefferson coll., Cannonsburg, Pa., graduating A. B. in 1865, and A. M. in 1868. Served two years in the army during the rebellion as a private, and afterwards as chief clerk in the quarter-master's dep't of the army of the Mississippi. Commenced studying medicine in 1864, during his last year in college, under Dr. John Weaver (deceased); continued his medical studies in Cleveland, O., under his uncle, Dr. D. H. Scott, and graduated M. D. at the Cleveland med. coll. in 1867. From 1867 to 1869 he was connected with various New York and Brooklyn hosps. as resident phys. and surg., and during this time studied diseases of the eye, ear and throat. In 1869 he took the degree of M. D. at the coll. of phys. and surg. of New York, and his thesis entitled "A New Method of Treating Fractures of the Forearm by Extension and Counter Extension and Forced Supination," is specially mentioned by Frank H. Hamilton in the late editions of his book on "Fractures and Dislocations." After graduating in New York he continued his studies in Heidelberg, Berlin and London, being connected the most of the time with the Heidelberg univ. eye hosp. as first ass't surg., a position in Germany but rarely attained by Americans or foreigners. During the Franco-Prussian war, had charge of a military hosp. in Heidelberg. In the autumn of 1871 he returned to New York, and remained a year in the New York ophthalmic and aural institute as resident surg. In 1871 he was elected to the chair (which he still holds) of ophthalmology, otology and laryngology in the Cleveland med. coll., but did not settle there until 1872. He devotes himself entirely to ophthalmic, aural and laryngeal diseases. In 1875 and 1876 he was defendant in the famous Bobbitt *vs.* Scott case, of black-mail, and came out overwhelmingly victorious, causing the plaintiff to flee from the country to keep from being arrested for perjury and murder in the case. He is a member of the Am. med. asso.; the Ohio State med. soc.; the Northeastern Ohio med. asso.; the Northwestern Ohio asso.; the Cuyahoga co. and Cleveland med. soc., and was a member of the last International ophthalmological congress. In 1872 he founded the Cleveland eye, ear and throat institute, of which he is surg.-in-chief, and was formerly visiting phys. and surg. to the Cleveland city hospital.

FOX, WILLIAM RILEY, San Bernardino, Cal., of German and English parentage, was born in Bedford co., Pa., June 17th, 1832. He was educated at the Witherspoon institute, Butler, Pa., and studied medicine at the Jefferson med. coll., and Chicago med. coll., graduating at the latter M. D. in 1862. He settled first in Chamahon, Ill., then at Wilmington, Ill., at San Leandro, Cal., and finally at San Bernardino. His specialty is gynæcology. He is a member of the Am. med. asso., and of the Cal. State med. soc., and was of the Alameda co. med. soc., the Ill. State med. soc., and the Wills co., Ill., med. soc. He has contributed a paper on "Coccyodynia (Removed Part of Coccyx)," to the *Chicago Medical Examiner*, 1870. He is a director of the Colton land and water company, San Bernardino. In 1859 he married Sarah A. Eames, of Wills co., Ill. She died in 1872. In 1873 he married Minnie A., daughter of H. M. Benedict, Esq., of Rochester, N. Y.

STORER, HORATIO ROBINSON, Boston, Mass., son of Dr. D. Humphrey Storer, formerly prof. of obstetrics and med. jurisprudence in Harvard univ., and president of the Am. med. asso., and elder brother of Francis H. Storer, prof. of agricultural chemistry at Harvard, was born in Boston, Feb. 27th, 1830. His classical education was obtained at the Boston Latin school, and at the Harvard univ., whence he graduated A. B. in 1850, and A. M. in 1853, and his medical education also at Harvard, graduating M. D. in 1853. He also subsequently, for the purpose of perfecting himself in medical jurisprudence, went through the regular course of the Cambridge law school in 1854. After receiving his medical diploma he visited Europe, where he remained two years, settling in Boston in 1855. In 1872 he again went to Europe, returning in 1877, having previously been admitted, in 1876, by vote of the branch council of England, to a place upon the medical register of Great Britain. His specialty is gynæcology. He was for-

merly prize essayist and secretary of the Am. med. asso. (1865), and its vice-president in 1868; president of the asso. of the Am. med. editors; fellow of the Am. acad. of arts and sciences, one of the founders (1869); and secretary of the gynæcolog. soc. of Boston, and responsible editor of its journal; member of the Mass. med. soc.; and medico-chirurg. and obstetrical socs. of Edinburgh; of the Rocky Mountain med. asso., etc.; corresponding member of the obstetrical socs. of Berlin and London, and New York medico-legal soc.; hon. member of the Canadian med. asso.; Province of New Brunswick med. soc.; State med. soc. of California; Louisville obstetrical soc.; and med. soc. of Sorrento, Italy. He was formerly prof. of obstetrics and of diseases of women in the Berkshire med. coll.; and ass't in obstetrics in Harvard univ.; phys. to the Boston lying-in hosp.; surg. to the New England hosp. for women and children; St. Joseph's home; and to St. Elizabeth's hosp. for women; and consulting surg. to the Carney general hosp., which latter position he still holds, though now residing at Newport, R. I.

MORSE, DAVID APPLETON, Columbus, O., son of Appleton H. Morse and Sally F. Morse, of Ellsworth, O., was born in Ellsworth, O., Dec. 12th, 1840. He received a classical education, and studied medicine in the Cleveland med. coll., receiving his degree of M. D. session of 1862. He practised at Edinburgh, O. In 1862 entered the army as surg., serving in Rosecrans' campaign in Tennessee, and Sherman's in Georgia, and was sent to the frontier in March, 1865. He resigned and returned to Edinburgh, removed to Alliance, O., and in 1867 settled in Madison co., where he remained for ten years, and until his removal to Columbus. He is a member of the Am. med. asso.; Ohio State med. soc.; central Ohio med. soc.; Columbus acad. of medicine; New York neurolog. soc.; corresponding member of Meigs and Mason acad. of medicine; member Am. asso. of superintendents of idiotic asylums, etc., etc. He is the author of papers and pamphlets on "Vicarious Menstruation," *Lancet and Observer*, 1865; "Anomalous Position of Kidneys," *ibid.*, 1866; "Delirium Tremens," *ibid.*, 1867; "Diphtheria," *ibid.*, 1867; "Criminal Abortion," *ibid.*, 1867; "Camp Diarrhœa," "Double Femoral Artery," "Contagion," "Cimicifuga," *ibid.*, 1866; "Cerebral Circulation," *ibid.*, 1868; "Synopsis of Lectures on Digestion," *ibid.*; "Cerebral Paresis," *ibid.*, 1868; "Duties of Medical Witnesses and their Privileges," *ibid.*, 1870; "Medico-Legal Questions," "Dipsomania and Drunkenness," 52 pp.; "Monomania," 46 pp.; "General Paralysis," 120 pp., Transactions Ohio State med. soc., etc., etc. He is also editor of the dep't of "Nervous Disorders and Insanity" in the *Lancet and Observer*. He holds the position of prof. of nervous disorders and insanity in the Starling med. coll., and phys. to the Columbus hosp. for the insane. In 1862 he married Maria C. Cooper; she died in 1867. In June, 1868, he married Amanda M., daughter of Samuel Withrow, Esq., of London, O.

HUNT, ABRAM HUFFMAN, Shreve, Wayne co., O., of English and Dutch extraction, was born near Flemington, N. J., Dec. 8th, 1838. He was educated at the high school of Flemington, and studied medicine in the office of Dr. T. H. Baker, of Wooster, O., at the univ. of Buffalo, and at Long Island coll. hosp., graduating at the latter in July, 1862. He first settled in Wooster, where he remained till 1863, when he entered the service of the U. S. After the war he located at Fort Wayne, Ind., in partnership with Dr. Woodworth. In 1866 he removed to Blacklysville, Wayne co., O. In 1874 he again entered into partnership with Dr. Woodworth. He finally settled in Shreve, Wayne co., in April last. In the organization of the faculty of Fort Wayne med. coll. he was appointed adjunct prof. of theory and practice of medicine. In 1863 he was commissioned ass't surg. in the 12th Ohio vol. cavalry, was taken prisoner by John Morgan, at Mt. Sterling, Ky., in June, 1864, but released next day; passed through the Confederacy in Oct., 1864, and was in Libby prison; was with Stoneman and Burbridge's commands in the East Tennessee and West Virginia raids; was transferred to the U. S. navy as acting ass't surg., and assigned to the "Mound City" under rear admiral S. P. Lee, Mississippi squadron. He resigned in Aug., 1865. In Feb., 1866, he married Abigail, daughter of Dr. William Blackley, of Blacklysville, Wayne co., O.

MASON, JARVIS KING, Suffield, Conn., of English ancestry, a descendant of Capt. John Mason, of Pequot war fame, and on his mother's side from Deacon Benjamin Parsons, one of the founders of Springfield, Mass., was born in Enfield, Conn., Nov. 8th, 1831. He was educated at Yale coll., and at Harvard univ., receiving his degree of A. B. at the former in 1855, and M. D. at the latter in 1861. He settled after graduating in Suffield, in general practice, but giving especial attention to surgery,

in which he has successfully performed some of the more important operations. He is a member of the Connecticut med. soc. His contributions to medical literature consist of "Reports of Cases," among them one of "Exsection of Portions of Tri-facial Nerve at Infra-Orbital, and Mental Foramina in Obstinate Neuralgia;" and one of "Fungus Hæmatodes of Leg, Amputation through Thigh," Transactions of Connecticut med. soc.; "Extensive Adhesion of Pelvic Organs," *New York Medical Record;* "Suppuration in Peritoneal Cavity," *Boston Medical and Surgical Journal*, 1868. He is medical examiner for the Phœnix, Ætna, New York life, and Union Mutual life insurance companies. In 1863 he married Mrs. Mary R. Reynolds, of Monson, Mass.; she died in 1864. In 1873 he married Clara K., daughter of Edmond Halladay, Esq., of Suffield, Conn.; she died in Feb., 1876, leaving two children. In Oct., 1877, he married Mary L., daughter of Rev. Lucius R. Eastman, of Amherst, Mass.

MURRELL, THOMAS EDGAR, Little Rock, Ark., was born at Bolivar, Hardeman co., Tenn., Nov. 1st, 1850. He was educated at St. John's coll., Little Rock, and at the univ. of Mississippi, and pursued his medical studies in the med. dep't of the univ. of Maryland, graduating M. D. in March, 1875, and settling at Little Rock, making a specialty of diseases of the eye and ear. He is a member of the coll. of phys. and surg., Little Rock, was its treasurer, and is now its vice-president; of the State med. soc. of Arkansas, and is at present its librarian; and of the Am. med. asso. He is the author of "Errors of Refraction of the Eye: their Diagnoses and Treatment," *Richmond and Louisville Medical Journal;* besides contributions to other medical journals.

PHILIPS, WILLIAM H., Kenton, Hardin co., O., son of Major Enoch Philips, of the war of 1812, and grandson of Col. David Philips, of the revolutionary war, was born at Morganzi, Washington co., Pa., Aug. 24th, 1824. He was educated at Muskingum coll., Muskingum co., O., and studied medicine at the Rush med. coll., Chicago, graduating M. D. from that institution in March, 1856. He also graduated from Bellevue hosp. med. coll. in 1871. He first located at New Rumley, Harrison co., O., in 1849, removed to Amsterdam, Jefferson co., in 1851, and in 1854 settled in Kenton, in the general practice of medicine and surgery, in the latter department of his profession having successfully performed many important operations. He is a member of the Hardin co. med. soc., elected 1854; of the State med. soc. (1866); Northwestern Ohio med. soc. (1869), was its president in June, 1870; and is now president of the State soc. He contributed a paper on "Milk Sickness," read before the Northwestern Ohio med. soc., *Cincinnati Lancet and Observer*, Feb., 1877, etc., etc. Was delegate to the Ohio constitutional convention in 1873; surg. 118th reg. Ohio vols. from 1862 to 1864; and has been U. S. examining pension surg. since 1865. In March, 1877, he was appointed surg. general of Ohio, by Gov. Young.

MAGRUDER, GEORGE LLOYD, Washington, D. C., a descendant of Alexander Mugruder, who immigrated from Scotland in 1655, and on the maternal side from Henry Morgan, who settled in Maryland prior to 1648, and who was one of Lord Baltimore's commanding officers, was born in Washington, Nov. 1st, 1848. He graduated A. B. from Gonzaga coll., D. C., in 1868, and M. D. from the med. dep't of the univ. of Georgetown, in March, 1870, A. M. from the same univ. in 1872. He settled in Washington in general practice. He is a member of the med. asso., and med. soc. of D. C.; of the med. soc. of the alumni of Georgetown univ. He has been treasurer of the med. asso., and corresponding secretary of the med. soc.; vice-president of the alumni. He was prof. of chemistry at Gonzaga coll. from 1871 to 1873; prosector to prof. of anat., Georgetown univ., 1870 to 1873; lecturer in the summer school in the same institution on "Minor Surgery and Bandaging," in 1870–71; and of "Chemistry," in 1872–73; was one of the phys. of the poor of the city from 1871 to 1874; one of the originators of the Central dispensary of Washington, organized in 1871, and is now in charge of diseases of children, and president of its attending staff; and phys. to Gonzaga coll., and home for the aged.

MORRILL, LINZEE T., Albany, N. Y., was born at Nashua, N. H., March 28th, 1850. His early education was obtained in Boston, and he pursued his medical studies at the Albany med. coll., whence he graduated M. D. in 1873, and settled in Albany in general practice, but having a specialty for surgery. He is a member of the Albany co. med. soc., and of the Albany acad. of medicine. He is the author of an article on "Pelvic Cellulitis with Abscess," *Philadelphia Medical and Surgical Reporter*, 1873. He holds the position of surg. of the Albany fire dep't, and was ass't surg. of the 10th reg. N. G. S., New York, for three years;

is now capt. and ass't surg. 25th reg. N. G. S., New York. He is a lecturer in the spring course of the Albany med. coll. on surgical dressings, and is also attending surg. of the Albany city hosp. dispensary. He is examining surg. of the New York, and of the Albany Boatmen's relief asso.; of the Artisans' order of mutual protection; and of the Firemen's relief asso. In May, 1875, he married a daughter of James Martin, Esq., of Albany, N. Y., who for many years manufactured all of the surgical instruments used by the late Profs. March and Armsby.

KNOTT, EDWARD FOULKES, Hampton, Ga., son of James Knott and Mary (Williamson) Knott, was born in the county of Caswell, N. C., Sept. 17th, 1811. He received his literary education at Salem, Clark co., Ga., and at Athens, Franklin coll., Ga., and his medical education at Transylvania med. coll., Ky., and at Augusta, Ga., whence he graduated M. D. in 1860. He settled first at Peach-Stone Shoals, Newton co., Ga., then in McDonough, Ga., then in Griffin, Ga.; removing to Hampton in 1876. He is a member of the med. soc. of the State of Ga., established 1859. Among his contributions to medical literature is "A Report of a Rare Case of Rupture of Uterus," *Atlanta Medical and Surgical Journal;* also edited the "Medical and Surgical Repertory" of Griffin, Ga., associate editor D. J. Knott, M. D. He established a medical school at Griffin, under the name of the Middle Georgia med. coll., an institution which was suspended on account of the breaking out of the civil war. In 1835 he married Mary A. F., daughter of Jared G. Crenshaw, Esq., of Virginia nativity. His son, Dr. D. F. Knott, is connected with him professionally.

MITCHELL, HENRY, Jersey City, N. J., son of Dr. Henry Mitchell, of Woodstock, Conn., and Mary (Bellamy) Mitchell, of Catskill, N. Y., was born in Norwich, Chenango co., N. Y., Aug. 6th, 1845. He was educated at Catskill, N. Y., and at Exeter, N. H., and studied medicine at Bellevue hosp. med. coll., and graduated in Oct., 1866, establishing himself first in Norwich, and subsequently removing to Jersey City. He is a member of the district med. soc. of the county of Hudson, has been treasurer, secretary, vice-president, and is now its president; and of the Am. med. asso. He has held the position of visiting phys. to St. Francis hosp., Jersey City; and is now physician to Hudson co. hosp. In 1866 he married Elizabeth, daughter of Rev. William Roberts, D. D., of New York.

WARNER, OSWALD, Paterson, N. J., of English parentage and ancestry, was born in Nottinghamshire, England, April 27th, 1833. He graduated in medicine from the coll. of phys. and surg., New York, in March, 1854, and settled at Paterson, N. J., after passing a year as one of the medical staff of Bellevue hosp., and one year as surgeon on the Collins' steamers running to Liverpool, England. He is a member of the Passaic co. med. soc., was its secretary for two years, and its president in 1875 and 1876; and of the Paterson med. soc. He has published in medical journals reports of cases while at Bellevue hosp. He was city phys. of Paterson in 1860 and 1861, also in 1865–66; examining surg. for pensions since 1869; acting ass't surg. U. S. navy from 1861 to 1864; and acting ass't surg. U. S. army from 1864 to 1865. He is also one of the medical staff of the hosp. of the Ladies' asso. of the city of Paterson. In 1866 and 1867 was medical examiner for the recruiting service U. S. army in the city of Paterson. In 1862 he married Harriet, daughter of John Inglis, Esq., of the city of Paterson, Passaic co., N. J.

BIDDLE, JOHN BARCLAY, Philadelphia, of English descent, was born in Philadelphia, Jan. 3d, 1815. He received his early education in that city, and pursued the study of medicine at the univ. of Pa., whence he graduated in 1836, establishing himself immediately after in practice in Philadelphia. He is a member of the coll. of phys.; of the Philadelphia county med. soc.; of the Am. philosophical soc.; of the med. soc. of State of Pa.; and of the Am. med. asso. He is the author of a work on materia medica, entitled "Biddle's Materia Medica," 600 pp., Lindsay & Blakiston, 1876. Was prof. of materia medica in the Franklin med. coll., and also in the Penna. med. coll., both of Philadelphia. He is prof. of materia medica in Jefferson med. coll. and dean of the faculty of that institution.

BUNKER, EDWARD SEAMAN, Brooklyn, N. Y., of Quaker-Huguenot stock, was born at Jerusalem, Long Island, Aug. 16th, 1840. He graduated at the Brooklyn polytechnic institution, and for ten years taught Latin and Greek therein. He studied medicine, and graduated at Bellevue, N. Y., M. D. in 1871, having delivered the valedictory on the occasion; and settled in Brooklyn immediately after in general practice. In 1871 he was appointed to the chair of diseases of women and children in the central dispensary; in 1872 clinical assistant to prof. of diseases of women, Long Island coll. hosp.;

in 1873 lecturer on obstetrics; and in 1875 prof. of obstetrics in the same institution; and phys. to the Sheltering Arms' nursery. In 1876 he spent six months at the univ. of Berlin, studying pathology under Virchow. In the course of his practice he has devised an original method of delivering the "after-coming" head through a contracted pelvis, from which he claims to have derived notable results. He also advocates the use of horse-hair sutures in perineorrhaphy and trachelorrhaphy, etc. In Dec., 1860, he married Alice, daughter of John Loines, Esq., of Brooklyn.

CALHOUN, ABNER WELLBORN, Atlanta, Ga., of Scotch-Irish ancestry, and son of Dr. A. B. Calhoun, of Newnan, Ga., was born in Newnan, Ga., April 16th, 1845. He was educated at Newnan, and studied medicine in the Jefferson med. coll., Philadelphia, graduating M. D. in March, 1869. He located himself first at his native place. In the early part of the year 1871 he visited Europe and remained till the latter part of 1873, visiting the cities of Berlin, Vienna, Paris, London, etc., studying diseases of the eye and ear, a specialty to which he has devoted himself since his return, and location in Atlanta; and since which time (now nearly four years) he has performed one hundred and fifteen (115) operations for cataract. He is a member and vice-president of the Atlanta acad. of med., and a member and former vice-president of the med. asso. of Ga. He is the author of "Iridectomy and its Applicability to Defects of the Eye;" "Report of Cataract Operations;' 'Hypertrophied Tonsils and their Effect upon Hearing, Speech," etc.; "The Influence of School Life upon Eyesight;" and many others bearing upon troubles of the eye and ear. He served during the entire civil war in the Virginia campaigns of the Confederate army, having entered before he had attained his sixteenth year, and was wounded four times, once through the right knee, but made a good recovery. On Sept. 26th, 1877, he married Mary Louise, daughter of Mr. Ferdinand Phinizy of Athens, Ga.

KENDALL, JAMES E., Wirt Court-house, West Virginia, son of Ransom Kendall, of English descent, was born in Marion co. (Virginia, now) West Virginia, March 9th, 1840. He was educated at Harrisville, Ritchie co.; and graduated in medicine at the Cleveland med. coll. He settled in Wirt Court-house in 1865. He is a member of the Wirt county med. soc.; of the West Va. State med. soc.; one of the originators of it; and permanent member of the Am. med. asso. During the war he was ass't surg. of the 11th West Va. reg.; examining surg. for recruits; had charge of the hospitals at Weston, Parkersburg, and Keyser; was subsequently with his regiment, and served in the field in the Shenandoah valley in the 8th corps, and with the 24th corps, in the army of the Potomac, till the close of the war, leaving the service in June, 1865. He has held the position of county treasurer for two years, besides holding other civic offices. He married, Oct. 22d, 1861, Roanna, daughter of Alexander Lowther, Esq., of Wirt Court-house, West Virginia.

BURTON, THOMPSON, Fultonville, N. Y., was born, March 17th, 1812, in Charleston, Montgomery co., N. Y., of American parentage. He pursued his medical studies in Fairfield med. coll. in 1833, 1834, and 1835, and at Castleton med. coll., Vt., 1836 and 1837, graduating at Castleton in 1836; and attended at Albany med. coll. in 1838. He first settled in Charleston, N. Y., but removed to West Poultney, Vt., in 1844; and in 1846 finally settled in Fultonville in general practice, his specialty, however, being obstetrics. He is a member of the Montgomery county med. soc.; permanent member of the N. Y. State med. soc.; and has been president of the Montgomery county med. soc. He married in 1836 Laura E., daughter of Alpheus Royce, of Orwell, Vt.

TERRILL, THOMAS, JR., Elizabeth, N. J., son of Francis E. Terrill and Mary Ann (Felch) Terrill, was born in Rahway, Union co., N. J., Feb. 13th, 1846. He was educated at Rahway, New Brunswick, and Columbia coll.; studied medicine with Dr. Samuel Abernethy, of Rahway; and graduated in medicine from the coll. of phys. and surg., New York, in March, 1867, settling first in Woodbridge and afterwards in Elizabeth in general practice, but making a specialty of surgery and diseases of children. He is a member of the district med. soc. of Union co., has been its secretary for five years; and of the N. J. acad. of med. He has been county phys. for Union co., is now its coroner; U. S. examining surg. for pensions, and surg. of the Pa. railroad company. In Aug., 1869, he married Louise F., daughter of Thomas Thompson, Esq., of New York city, a lady of literary ability, and conversant with the languages.

CHESMORE, ALWIN HARDING, Huntington, Vt., was born at Warren, Vt., Oct. 17th, 1837. He was educated at Johnson's acad., and studied medicine at the

Burlington med. col., whence he graduated in 1860, and settled in Huntington. He was State senator in 1874 and 1875, and during the war was surg. of the 5th reg. Vt. vols., and surg.-in-chief of the 2d brigade, 2d division 6th army corps. In Feb., 1868, he married Minnie, daughter of Hon. Henry Gillette, of Richmond, Vt. She died in 1874.

SIMPSON, JULIUS MANNING, Schraalenburg, N. J., was born in (Jamestown now) Franklin, province of Quebec, Canada, Feb. 22d, 1838. He was educated at Fort Edward collegiate institute, Washington co., N. Y., and studied medicine at the Bellevue hosp. med. coll., N. Y., whence he graduated in March, 1866, settling in Schraalenburg, Bergen co., in general practice. He is a member of the district med. soc. of Bergen, was vice-president in 1874, and president in 1875. In May, 1870, he married Kate A., daughter of S. H. Grovesteen, Esq., of New York city.

SAND, HENRY GASKINS, Poplar Branch, N. C., son of Capt. Bennet Sand and Sarah Scott (Gaskins) Sand, of Va., was born in Norfolk, Va., April 13th, 1839. He was educated at the Norfolk acad., and in the univs. of Pa. and La., graduating in 1858, and M. D. from the latter in 1861. He settled first in Princess Anne co., Va., and after the war located himself in Poplar Branch. He is a member of the N. C. med. soc., and president of the Currituck med. soc. He is the author of an essay on "Infantile Remittent (Gastric Fever)." During the civil war he was medical officer of the Confederate States army and Confederate States navy, performing hosp. duty at Petersburg and in the James river squadron; at Plymouth and Washington, N. C., Augusta and Savannah. Examined and licensed by the med. examining board of N. C., at Wilson, N. C., May, 1875. In 1866 he married Sarah Jane, daughter of Lancelot Poyner, and granddaughter of Col. Thomas Poyner, of revolutionary fame.

LAIRD, ROBERT, Squan Village, N. J., was born in Monmouth co., N. J., Sept. 5th, 1811. He studied medicine at Pittsfield, Mass., Berkshire med. coll., and graduated M. D. in 1837, settling first at Imlaystown, N. J., and afterwards in Manasquan. He is a member of the district med. soc. of Monmouth, and of the N. J. State med. soc.; also of the acad. of medicine at Newark. He is also the author of various articles on medical subjects which have appeared in the journals of the profession. He was a member of the convention to revise the Constitution of the State in 1844; State Senator in 1855, 1856 and 1857, has held various public positions, and is at present resident phys. of the almshouse for Monmouth and Ocean cos.; president of town council, etc. In 1839 he married Eliza, daughter of Col. Abraham Osborn, of Manasquan, Monmouth co.

GREEN, JOHN, St. Louis, Mo., son of James and Elizabeth (Swett) Green; nephew, grandson and great-grandson of Dr. John Green, all of Worcester, Mass. Born in Worcester, Mass., April 2d, 1835. Entered Harvard coll., 1851; was graduated A. B., 1855; S. B., 1856; A. M., 1859; M. D., 1866; was admitted a fellow of the Mass. med. soc. by examination, 1858. Studied medicine at Cambridge, Mass., 1855 to 1858, under the direction of Profs. Morrill and Jeffries Wyman, and in Europe, 1858–1860. Was elected a member of the Boston soc. of natural history, 1856, and curator of comparative anatomy, 1857. In 1857 accompanied Prof. Jeffries Wyman on a scientific expedition to Surinam. Commenced the practice of medicine in Boston, Mass., 1861; member of the Boston med. asso., and of the Suffolk district med. soc., 1861, and secretary of the latter soc., 1865; member of the Boston soc. for medical observation, 1863; phys. to the Boston dispensary, 1862, and surg. to the same, 1863. During 1862 was in the medical service of the Western U. S. sanitary commissions, and held the position of acting ass't surg. for a few months in the armies of the Tennessee. Delegate to the Am. med. asso., 1864, 1865, 1873 and 1877. Visited Europe a second time in 1865 for the purpose of continuing studies in ophthalmology, and in 1866 removed to St. Louis. Is a member of the Am. ophthalmolog. soc., elected in 1866; one of the original members of the Am. otolog. soc., founded in 1868; a member of the International ophthalmological congress, admitted in 1872; delegate to the International medical congress of 1876, and secretary to the section on ophthalmology. Has contributed papers to the *Boston Medical and Surgical Journal*, the *American Journal of the Medical Sciences*, *Baumgarten's St. Louis Medical and Surgical Journal*, 1868 to 1871; Transactions of the Am. ophthalmolog. soc., Transactions of the Am. otolog. soc., reports of the International ophthalmological congresses, London, 1872, and New York, 1876; also notes to the American edition of "Carter on the Eye," Philadelphia, 1876. Was elected prof. of ophthalmology and otology in the St. Louis coll. of phys. and surg., 1868; was

appointed lecturer on ophthalmology in the St. Louis. med. coll., 1871; surg. to St. Louis eye and ear infirmary, 1872; consulting ophthalmic surg. to the city hosp., St. Louis, 1872; ophthalmic surg. to St. Luke's hosp., 1874. Oct. 22d, 1868, married Harriet Louisa, daughter of George W. Jones, of Templeton, Mass.

RODGERS, JOHN HARRISON, Springfield, O., son of Dr. Robert Rodgers and Effie (Harrison) Rodgers, was born in Springfield, O., Aug. 19th, 1834. He graduated A. B. at the Miami univ., Oxford, O., in 1853, and M. D. at the univ. of Pa. in 1856, and settled in Springfield, in business connection with his father, in general practice. He is a member of the Clark co. med. soc.; was its president in 1872 and 1873, and of the Ohio State med. soc. He held the position for three years of trustee of Ohio asylum for the blind. During the war he was ass't surg. of the 44th Ohio reg. from Aug., 1861, to Feb., 1863, and surg. of the 104th Ohio, to Dec., 1864. He served in West Va., in the southwest and south, chiefly with the 23d corps under General Schofield; during Sherman's campaign of Atlanta, and Hood's to Nashville, he was chief of operating staff of Cox's division. He is pension surg. for Clarke co., and medical director of the Western mutual life insurance company. In May, 1857, he married Jane M. Sturgeon, of Carlisle, Pa. She died, Oct., 1869.

SUMNER, CHARLES FLETCHER, Bolton, Conn., son of Rev. Henry P. Sumner and Mary (Gosler) Sumner, and great-grandson of Dr. William Sumner, of Boston, Hebron and Claremont, who was a descendant of Royer Sumner, of Bicester, Oxfordshire, England, was born in Hebron, Conn., March 28th, 1817. He was educated at Andover and Bolton, and attended medical lectures at the univ. of the State of N. Y., at Fairfield, N. Y., where he graduated, Jan., 1840. He commenced practice with his brother, Hon. Henry T. Sumner, M. D., of Stockbridge, N. Y., and remained with him till May, 1842, when he settled in Bolton, in business connection with the Hon. J. L. White, M. D., in general practice, where he has ever since remained. He is a member of the Tolland co. med. soc.; of the Conn. State med. soc., and the Am. med. asso., president of the first named in 1868 and 1869; vice-president of the State med. soc. in 1869 and 1870, and president of the same in 1870 and 1871. He has several times been one of the fellows, and a member of different standing committees of the State med. soc. He has been school visitor since 1843; justice of the peace, notary public, member of Conn. legislature, and judge of probate for the district of Andover. He married, Dec. 1st, 1852, Josephine M., daughter of Thomas J. Phebe (Farmer) White, of Bolton, — five children. Dr. Sumner is a large land-holder, and is owner of a paper mill, which he built in 1870.

COLES, ABRAHAM, Newark, N. J., son of Dennis Coles, formerly editor and publisher of *The Recorder of the Times*, in Newburg, and member of the legislature of N. J., and of Catharine Van Deursen, was born in Scotch Plains, N. J., Dec. 26th, 1813. After studying law for six months, he began the study of medicine, and graduated at Jefferson med. coll., Philadelphia, in 1835, settling in Newark the year after. In 1842 he married Caroline E., daughter of Jonathan C. Ackerman, of New Brunswick. She died in 1847. In 1848 he visited Europe, and was in Paris during the terrible insurrection of June. He again visited Europe in 1854, and on his return, after an absence of seventeen months, he associated with himself in business, Dr. Bethuel L. Dodd, a former pupil. In 1859 he published "Dies Iræ," in thirteen original versions, and subsequently translations of other Latin hymns, with historical and critical notes; a physiological poem, entitled "The Microcosm," read while president before the med. soc. of N. J. in 1866; "The Evangel," in verse, with Scripture text and notes, etc.; a criticism upon Nott & Gliddon's work; and various reviews and papers, literary, medical and scientific. In 1860 the univ. of Lewisburg conferred on him the hon. degree of Ph. D., and in 1871 the coll. of N. J. that of LL.D. His son, Jonathan Ackerman Coles, also a physician, was born in Newark, May 6th, 1843; graduated from Columbia coll., New York, in 1865; studied medicine, was awarded the Harsan prize the year previous to his graduation at the coll. of phys. and surg., New York, in 1868. He is now in Europe.

ENGLISH, DAVID COMBS, New Brunswick, N. J., of Scotch-Irish and English ancestry, son of Dr. David C. English and Henrietta (Green) English, and grandson of Dr. James English, the former of New Brunswick, the latter of Englishtown, Monmouth co., N. J. (where his family were among the first settlers over one hundred and fifty years ago), was born in New Brunswick, March 2d, 1842. He was educated at a private school and at Rutgers coll. grammar school, studied medicine and pharmacy in

the office of Dr. Clifford Merrogh, of New Brunswick, and at the coll. of phys. and surg., New York, graduating M. D. in March, 1868, and settled at New Brunswick, at first in business connection with his preceptor. He is a permanent member of the Am. med. asso.; of the district med. soc. of Middlesex co.; of the N. J. State med. soc.; has been president of the district soc., and its treasurer during the last three years; for the past four years has been vice-president of the N. J. microscopical soc.; he is also a member of the Am. meteorological soc.; and of the New Brunswick historical club. He was alderman during 1866–67; and has been an active and influential member in many of the religious and benevolent societies of his city and county. In Sept., 1870, he married Susan Cary, daughter of Hon. Harrison Blake, of New Brunswick.

MARCH, HENRY, Albany, N. Y., of Massachusetts parents, who came from English ancestry, was born at Albany, N. Y., Dec. 13th, 1827. He was educated at New Haven and Fairfield, Conn., and in Albany, N. Y., and studied medicine in the Albany med. coll., graduating in 1853. Previous to his graduating, he went to Europe and visited most of the universities of France, Germany, England, Scotland, Ireland, Holland, Belgium, Switzerland, etc., and many of the United States. He is a member of the med. soc. of the county of Albany, N. Y.; of the med. soc. of the State of N. Y.; president of the former in 1876, its treasurer in 1863. He is the author of a paper read before the Albany co. med. soc. in 1876, on "Anæsthetic Agents," "Polypus of Uterus," "Paracentesis — Thoracis," etc., etc.; "A Biographical Sketch of Jeremiah O. Havens, M. D.," in 1875. During the civil war he served for a brief period as vol. surg., stationed at Fortress Monroe, 1861, and Fredericksburg, 1862. In 1862 he married a daughter of Walter R. Bush, Esq., of Troy, N. Y.

WATERMAN, SIGISMUND, New York, was born in Bruck, Bavaria, Feb. 22d, 1819. His preliminary education was received in the seminary at Irlangen; his professional education at the Yale med. school, whence he graduated M. D. in Feb., 1848. He was during the ensuing twenty-eight years engaged in general practice. In 1868 he gave a number of lectures before the med. socs. of New York, introducing the application of "Spectral Analysis to Medicine," and has since made spectral analysis a specialty. In an article upon "Ovariotomy," by Dr. Marion Sims (*Appleton's Medical Journal*, Dec., 1872), reference is had to an interesting case in which Dr. Waterman gave a diagnosis of ovarian cystic disease by means of the spectroscope, whilst Dr. Sims, and other scarcely less eminent gynæcologists, diagnosticated, unaided by the spectroscope, fibrous tumor; the result of an operation confirmed the spectroscopic diagnosis in every particular. He is a member of the New York Medical Journal asso.; has been since 1857 president of the B'nai B'reth benevolent soc., having nearly 6,000 members. Since 1875 consulting surg. and phys. to the Hebrew home; and since 1857 has been surg. to the New York police dep't. During the war of the rebellion he was appointed to the position of draft surg., by Gov. E. D. Morgan. For a number of years he has been a frequent contributor to professional periodicals; his publications relative to the spectroscope, and to spectral analysis, as applied to medicine, being of special importance. Among his published works may be mentioned, "Therapeutic Employment of Oxide of Zinc," *American Medical Monthly*, Sept., 1861; cases of "Plica Polonica," *Medical Times*, April, 1853; "Practical Remarks on Scarlatina," *New York Medical Gazette*, June 5th, 1859; "The Mechanical Causes of Bright's Disease," *New York Medical Record*, Jan. 15th, 1870; "On the Influence of a Deficiency of Sodium Chloride in the Air upon the Rise and Progress of Cholera," *ibid.*, Jan. 2d, 1872; "The Blood Crystals and their Physiological Importance," *ibid.*, June, 1872. A series of lectures upon the "Spectroscope," before the New York acad. of medicine, and New York Medical Journal asso.; "Spectral Analysis as an Aid in Diagnosis of Disease," *Medical Gazette*, April 24th, 1869; "Spectral Analysis Applied to Medicine," *ibid.*, May 7th, 1870; "Spectral Analysis Applied to the Practice of Medicine" (read before the New York acad. of medicine), *Medical Record*, Oct. 5th, 1871; "Spectral Analysis of Old Blood Stains," *Archives of Scientific and Practical Medicine*, May, 1873; "The Importance of the Spectroscope in Forensic Cases," *Medical Record*, Oct. 15th, 1874. His specialty is the treatment of renal and cystic diseases. He is married to Helena Wolf, daughter of M. Wolf, Germany.

KNIGHT, HENRY MARTIN, Lakeville, Conn., son of Rev. Joseph Knight, was born at Stafford, Conn., Aug. 11th, 1827. He was educated under his father, and at Williston seminary, and studied medicine at the Berkshire med. institute, graduating M. D. in 1849. He settled at

Stafford Springs, but after two years removed to Lakeville (Salisbury), Conn., making nervous diseases a specialty. He is a fellow of the Connecticut med. soc, and hon. member of the med. socs. of the States of N. Y. and Cal. He is the author of "Hallucinations of Childhood," published in the Transactions of Connecticut med. soc. He became superintendent of the Connecticut school for imbeciles, in 1858; and is now med. visitor at retreat for the insane at Hartford; and med. visitor at Walnut Hill inebriate asylum. In Oct., 1852, he married May Fitch, daughter of Darius Phelps, Esq., of Norfolk, Conn.

SHEPHERD, CORNELIUS, Trenton, N. J., was born in Bucks co., Pa., Jan. 21st, 1837. He was educated at Doylestown acad., and at a private school in New Brittain, 1854–55–56. In 1857 he taught school in Bucks co. In the following spring he entered the office of Dr. G. R. McCoy, of Doylestown, and in the fall of 1859 attended the univ. of Pa., from which institution he graduated in 1861, settling immediately thereafter in Trenton. He is a member of the district med. soc. of Mercer co., and has been its president. He has been school superintendent of Trenton for eight years.

BINGHAM, LEROY MONROE, Burlington, Vt., was born, April 10th, 1845, at Fletcher, Vt., of English parentage. He graduated at the State normal school, Johnson, Vt., and studied medicine at the univ. of Vermont, and at Bellevue coll., New York, graduating M. D. at the former institution in June, 1870, settling first at Stowe, Vt., and removing to Burlington in 1874. He is a member of the Vermont med. soc.; of the Chittenden co. med. soc., was secretary since 1875–76; and of the Burlington med. and surgical club. He served three years in the war of the rebellion as a private in the Union army, Company H, 2d reg. Vermont vols., enlisting at the age of sixteen. He is demonstrator of anat. and ass't to the chair of surgery in the univ. of Vermont; and is also attending surg. to the Mary Fletcher hosp., Burlington; ass't surg. of Vermont militia; and was superintendent of public schools for ten years while a resident in Stowe. In Feb., 1871, he married Alma, daughter of J. J. Edwards, of Providence, R. I.

SNOW, EDWIN MILLER, Providence, R. I., was born, May 8th, 1820, at Pomfret, Windsor co., Vt. Educated at the academic institution in New Hampton, N. H., and at Brown univ., R. I., from which he graduated in 1845, receiving the degree of A. M. in 1848. He pursued his medical course at the coll. of phys. and surg., New York city, graduating in 1849. In June, 1849, he took up his residence in Holyoke, Mass., removing in Nov., 1850, to Providence, R. I. In his practice at Holyoke in 1849, and Providence in 1854, he saw about one hundred and fifty cases of Asiatic cholera, and became much interested in the study of its causes. Since June, 1855, he has been wholly devoted to sanitary subjects, registration, and statistics. He is a member of the Am. med. asso.; the Rhode Island med. soc., of which he has been at different times secretary, vice-president, and president; the Providence med. asso.; the Am. public health asso., of which he has been vice-president and president; the Am. statistical asso.; the International prison congress; and the International statistical congress. He is the author of numerous pamphlet reports on "Asiatic Cholera," "Small-Pox," and other municipal sanitary subjects; of twenty-two "Annual Reports upon Registration of Births, Marriages, and Deaths," in Providence, R. I., beginning with 1855, and still continued; of six "Annual State Reports on Registration," from 1862 to 1867, inclusive; of the "Census of the city of Providence, 1855;" of the "Census of the State of Rhode Island, 1865;" of the "Census of the State of Rhode Island, 1875," etc., etc. From June, 1855, to the present time, he has been superintendent of health of the city of Providence by annual election, as he has been, in like manner, and for the same period, city registrar of births, marriages, and deaths, and health officer at quarantine. He has also been State prison inspector; and a member of the board of State charities and corrections; and is now chairman of the commission to build a new State prison; and chairman of the board of cattle commissioners of the State. He was State delegate to the International prison congress in London, June, 1872; and one of the United States official delegates to the International statistical congress at St. Petersburg, Russia, in Aug., 1872. He was married in Providence, R. I., May 2d, 1850.

BLACKWELL, ENOS TITUS, Hackettstown, N. J., was born in Pennington, Mercer co., N. J., Jan. 15th, 1823. He was educated at the N. J. conference seminary, and studied medicine at the Vt. med. coll. and in the univ. of Pa., graduating from the former M. D. in June, 1848, and from the latter in March, 1869. He settled first at Townsbury, Warren co., N. J., then at Stephensburg, Morris co., N. J., and finally at

Hackettstown, N. J. He is a member of the Warren co. med. soc., and is the author of "Spontaneous Reduction of Strangulated Hernia under the Influence of Tobacco," *Medical and Surgical Reporter*, vol. iii.; "Contagious Fever (Modified Typhoid) of Schooley's Mountain, and the Use of Quinine Anti-pyretically, or during the Paroxysm," New Jersey Medical Society's Reports, 1863. In May, 1854, he married Keturah, daughter of Amos Hoagland, Esq., of Townsbury, N. J.

TOBIE, EDWARD, Buffalo, N. Y., was born at Forbach (Moselle), France, May 1st, 1831. He was educated at Forbach, and in Paris, and studied medicine at Buffalo, N. Y.; he graduated M. D. at Genoa, Feb., 1855, and settled at Buffalo Plains in general practice. He is a member of the Erie co. med. asso., and of the Am. med. asso.; and is phys. to Erie co. almshouse. He married, Feb. 12th, 1857, Lena Koenig, daughter of Louis Koenig, of Landau, Bavaria.

HAVENS, JONATHAN, Newton, N. J., son of James C. Havens, of Deckertown, N. J., grandson of Dr. Berret Havens, of the same place, and great-grandson of Dr. Jonathan Havens, of Hartford, Conn., was born, Aug. 16th, 1840, at Deckertown, Sussex co., N. J. He was educated at Flushing institute, Long Island, at Newton collegiate institute, Newton, N. J., and at Deckertown classical school, and studied medicine with Dr. Alexander Linn at Deckertown and at the coll. of phys. and surg., New York, at which institution he graduated in March, 1862. He served for some time after graduating as ass't phys. at the Nursery hosp. and house of refuge, on Randall's island, and settled at Sparta in 1863; removing to Deckertown in 1864, and to Newton in 1866. He is a member of Sussex co. med. soc., and of the Am. med. asso.; and has been secretary and president of the former. He contributed an article on "Puerperal Tetanus" to the *American Medical Times* in 1863, and various reports to the N. J. med. soc. He has held the position of U. S. examining surg. for pensions from Sept., 1875, and is librarian of the Dennis library, Newton. In Jan., 1871, he married Margaret A., daughter of John H. Nelden, Esq., of Newton.

INGERSOLL, DENMAN B., May's Landing, N. J., a descendant of the family of Ingersolls who immigrated from England, and settled in Long Island, in the sixteenth century, son of Joseph Ingersoll and Rachel Bevis Ingersoll, was born at English Creek, Atlantic co., N. J., Jan. 26th, 1831. He was educated at Charlotteville, N. Y., and at Union coll., N. Y.; and studied medicine at the univ. of Pa., graduating in March, 1865. After being two years at the Satterlee U. S. army hosp., he settled at May's Landing, Atlantic co., N. J., in general practice. He is a member of the Cumberland co. med. soc., and secretary of the Atlantic co. med. asso. He is the author of various reports on the "Sanitary Condition of Atlantic County," contributed to the State med. soc. Was appointed U. S. examining surg. for pensions in 1870; and is now Atlantic co. phys. In April, 1868, he married Mary D., daughter of Hon. Simon Hawthorn, of May's Landing, N. J.

CHURCHILL, ALONZO, Utica, N. Y., was born in Richfield, Otsego co., N. Y., Jan. 20th, 1811, of American parentage. He was educated at Hartwich seminary, and attended lectures at the coll. of phys. and surg. of Western New York, receiving a diploma, in 1833, from the Otsego co. med. soc., and the honorary degree of doctor of medicine from the regents of the univ. of the State of New York in 1856; also the degree of M. D. from the Albany med. coll. in 1874. He first settled in Richfield, Otsego co.; but removed to Utica in 1856, where he has since been engaged in practice. He is a member of the Otsego and also of the Oneida co. med. socs., was president of the latter in 1869; also permanent member of the N. Y. State med. soc. He contributed a paper on "Cerebro-Spinal Meningitis," to the Transactions of the N. Y. State med. soc.; also papers to the Oneida med. soc.—among them one on "Strangulated Hernia," and one on the subject of "Sanitary Science." In 1855 and 1856 he was a member of the N. Y. State legislature. During the entire civil war he was a surg. of vols., most of the time on the operating staff of division. He was brevetted lieutenant-colonel, and afterwards colonel of volunteers. In 1836 he married Jane, daughter of Walter Morgan, Esq., formerly of Chepstow, Monmouthshire, England.

BLUM, RICHARD, Wheeling, West Va., son of Dr. Nicholas Blum, was born at Kirshhausen, Wurtemburg, Germany, March 31st, 1828. He was educated at the coll. of Heilbron, army med. school; and passed the examining board at Stuttgard as ass't surg. in 1849. He located himself first at New Orleans, La., and afterwards at Wheeling, in general practice; but making a specialty of practical hygiene and sanitary science. He is a member of the State med. soc. of West Va.; of the med. soc. of the city of Wheel-

ing and county of Ohio—president of the last for 1876; and of the Am. med. asso. He is the author of papers on "Public Hygiene and Sanitary Science," published in the Transactions of med. soc. of West Va. He organized the health department for the city of Wheeling, and in 1866 was appointed health officer of that city. He has been for ten years med. examiner of the Germania life insurance company.

HILL, EDWARD HENRY, Lewiston, Me., was born, May 7th, 1843, at Harrison, Cumberland co., Me. His father, William C. Hill, the son of a sea-captain, is a clothier by trade; was a wire manufacturer in middle life; and is now a farmer at Harrison. His mother was the daughter of Deacon Edward Bray, of Harrison. He was educated at the town school, Bridgeton acad., and Me. State seminary; and graduated from the Harvard med. school in March, 1867, settling in the following September at Durham, Me., whence he removed, in 1869, to Lewiston, Me., forming, Jan., 1870, a partnership with Dr. Alonzo Garcelon, which continued for four years. He has made surgery his specialty so far as possible, performing no operations more notable, however, than amputations, removal of tumors, excision of hip-joints, etc. He is a member of the Am. med. asso.; of the Me. med. asso., of whose board of censors he is chairman, 1876–77; of the Androscoggin co. med. asso.; of the standing committee, of which he has been chairman for two years. He is one of the corporators of the Lewiston school for medical instruction. He married Lottie C. Thompson, of Lewiston, Me., Jan. 1st, 1872.

COURTRIGHT, GEORGE S., Lithopolis, O., a grandson of John Courtright, who settled in Ohio in 1802, and son of Jesse D. and Sarah (Mather) Courtright, was born in Pickaway co., O., April 27th, 1840. His professional education was received in the med. coll. of Ohio, and in the Miami med. coll., his degree of M. D. being conferred by the first in March, 1862, and by the second in March, 1866. Was demons. of anat. in Miami med. coll., Cincinnati, O., in 1867–68. In Feb., 1868, he established himself at Lithopolis. He is a member of the Hacking valley med. soc., president in 1876; honorary member of the Cincinnati acad. of med., secretary in 1866; corresponding member of the Meigs and Mason acad. of med.; and member of the Ohio State med. soc. Of his professional publications may be mentioned: "On the Use of Ferri per Sulphas in Hæmorrhoids, with cases," *Cincinnati Lancet and Observer*, May, 1864; "Poisoning by Tr. Gelsemin Treated by Hypodermic Injections of Morphia," *ibid.*, Nov., 1876, and "Dislocations of Shoulder-Joint, with cases," in pamphlet Jan., 1877. In Oct., 1862, he was commissioned contract surg.; was made ass't surg. of U. S. vols. in Sept. 1863; was engaged in hospital and field duty; took part in the Kit Carson expedition against the Kiawa and Comanche Indians, and was for some time detailed as surgeon to the Navajoe and Apache reservation. Since 1874 he has been a member of the Lithopolis school board. He married, May 20th, 1868, Cornelia, daughter of the late Joshua Stevens, M. D., of Lebanon, O.

GRISWOLD, RUFUS W., Rocky Hill, Conn., son of Julius J. Griswold and Ann (Arnold) Grjswold, and a descendant of Edward Griswold, who immigrated from England and settled in Windsor, Conn., in 1636. His medical studies were pursued at the coll. of phys. and surg., New York, where he graduated in March, 1854, and settled immediately after at Rocky Hill. He is a member of the Conn. State med. soc., and of the Hartford co. med. soc., was president of the latter in 1873. He has been town clerk, justice of the peace, and acting school visitor of Rocky Hill. In earlier life published and edited for two years *The New England Weekly Gazette*, in Hartford, Conn.; afterwards was assistant editor of the *Brooklyn Morning Journal*, and editor of *The Empire City* (weekly), New York. In Dec., 1851, he married Esther E., daughter of Elijah Hammond, Esq., of Vernon, Conn.

FISK, MARCUS LYON, Warehouse Point, Hartford co., Conn., was born in Willington, Conn., Dec. 16th, 1817. He was educated under private teachers, and studied medicine under Dr. William Grosvenor, of Providence, R. I., Dr. Allen Skinner, of Vernon, Conn.; at the Berkshire med. coll., Pittsfield, Mass.; under Dr. George McClellan, Philadelphia; and in the Pa. med. coll., and graduated in March, 1842. He settled first at Broad Brook, East Windsor, Conn., and removed in 1864 to Warehouse Point, in the same town, where he is engaged in a large and extensive practice. He received the honorary degree of A. M. from Trinity coll., Hartford, Conn., 1867. He is a member of the Hartford co. North med. asso.; of the Hartford co. med. soc.; of the Conn. med. soc., and fellow of the same, 1856. He is the author of a biography of Dr. Joseph Olmsted, Reports Conn. med. soc. In Dec., 1845, he married Frances A.,

daughter of Col. L. P. Tucker, Esq., of Vernon, Conn. She died in 1853. In May, 1856, he married Emeline L., daughter of Joseph Frazier, Esq., of Norwich, Conn.

HILL, EDWIN A., East Killingly, Conn., of Rhode Island parentage, was born in Griswold, Conn., Sept. 27th, 1825. He was educated at Smithville seminary, North Scituate, R. I., and studied medicine at Harvard med. school, Cambridge, Mass., graduating in July, 1850, and settling in East Killingly, Conn., in a miscellaneous practice of medicine and surgery. He is a member of the Windham co. med. soc., and of the Am. med. asso., and has held various political offices of his town. He married, May, 1852, Sarah J., daughter of Jeduthan Farrar, Esq., Gilmanton, N. H. His son, Charles E. Hill, graduated at Yale coll., in the class of 1876, and is now studying medicine at Harvard med. school.

ARMSTRONG, THOMAS HUDSON, Woodsfield, Monroe co., O., was born in Belmont co., O., Sept. 4th, 1831. He was educated at Allegheny coll., Meadville, Pa., and studied medicine in the Starling med. coll., Columbus, O., graduating March 6th, 1855. He settled first at Armstrong's Mill, Belmont co., O., 1855; removed to Powhattan, in the same county, 1867, and to Woodsfield, Monroe co., O., in 1875. He is a member of the Ohio State med. soc., and represented Belmont co., O., in the legislature of that State from 1871 to 1875. In Feb., 1859, he married Nancy R., daughter of James Dixon, of Belmont co., O.

BATTLE, HENRY LAURENS, Wadley, Ga., son of Rev. J. B. Battle, a grandson of Governor William Rabun, was born in Hancock co., Ga., July 14th, 1826. He was educated at the academy at Powelton, and at Mercer univ. He studied medicine under Dr. A. S. Brown, of Sparta, and attended lectures at the Charleston med. coll.; graduated M. D. in 1848, and settled in Sparta. He removed to Wadley in 1858. He is a member of the med. asso. of Ga., and of the med. soc. of Jefferson co. At the age of twenty-four he was elected one of the judges of the inferior court of Hancock co.; he has also represented Jefferson co. in the legislature of Georgia. He has been three times married.

GREEN, TRAILL, Easton, Pa., was born in that city, May 25th, 1813. Even in his younger days he exhibited a fondness for both animate and inanimate nature, and this showed itself even more prominently as he advanced in years, in a strong love for the study of natural history, a study which was enhanced by the accidental discovery in the Easton library—an institution of which his father was one of the founders—of "Buffon's Natural History." The perusal of this book "directed" him to the "study of medicine," and he entered the office of Dr. J. K. Swift, of Easton, where he laid the foundation of a thorough medical education, and where he at the same time directed his attention to the study of mineralogy. He also, at a subsequent period, became a student with Dr. J. K. Mitchell, of Philadelphia, who was then lecturer on chemistry in Chapman's institute, and association with him, and with Professor Hare, of the univ. of Pa., led to his adopting chemistry as his favorite study. He graduated in medicine at the univ. of Pa., in 1835, and was immediately appointed phys. to the Philadelphia dispensary. He removed to Easton in 1836, and from that time until the present he has been steadily engaged in practice. He is a member of the Natural History soc. of Rutgers coll., 1857; corresponding member of the Linnæan soc. of the city and county of Lancaster, 1864; corresponding member of the Buffalo soc. of natural history, 1864; of the Am. philosophical soc., 1868; corresponding member of the Troy scientific asso., 1871; associate member of the Philadelphia obstet. soc., 1874; associate member of the coll. of phys., Philadelphia, 1876; fellow of the Am. asso. for the advancement of science; member of the Am. med. asso.; of the Pa. State med. soc., was its president in 1868; of the Am. meteorolog. soc.; of the Metric Bureau, Boston, Mass.; of the Am. chemical soc., etc., etc. In 1837 he was elected prof. of general and applied chemistry in Lafayette coll., when this institution was in its infancy, and at a time when it had none of the ordinary collegiate appliances for scientific study, and there was an entire absence of all scientific apparatus or of any provision for experiments. Notwithstanding this he succeeded by his skill in providing the necessities of each occasion, and his class progressed with success. In 1841 he accepted the chair of natural sciences in Marshall coll., Mercersburg, Pa., a position he held till 1848. Besides his regular duties there, he organized classes in botany, delivered lectures on hygiene and physiology, and conducted the study of the senior class in political economy. Under his teaching Marshall college rose to a wide distinction, and had the reputation of affording more facilities for the study of botany, hygiene, and physiology than any other similar institution. In 1853 he resumed

his connection with Lafayette coll. A rejuvenation had taken place in this institution proceeding from a strongly awakened interest in its fortunes, principally because of a scheme of endowments projected and effected by its president, Dr. Cattell. Dr. Green, who had been the longest identified with its interests, at his own expense, erected an observatory at Lafayette for the more successful cultivation of mathematical and astronomical knowledge. In 1849, in a public lecture delivered in Easton, he advocated the formation of a cemetery at that place. His project was favorably received, and an association having been formed for this purpose, the design was carried out with success, and Dr. Green was elected its president. In connection with two other gentleman, he was appointed by the legislature of the State to select a site for the erection of a hospital for the insane of the State, and Governor Geary, of Pennsylvania, twice appointed him trustee of the State hosp. at Harrisburg, a position which he yet retains through the appointment of Governor Hartranft. During the war the surgeon-general of the State placed him on several of the examining boards. In recognition of his scientific services the degree of LL. D. was conferred upon him by the united colleges of Washington and Jefferson. For many years he has served on the school board of Easton, and is now its president.

CHAPMAN, EDWIN NESBIT, Brooklyn, N. Y., son of Col. Phineas Chapman and Betsey Chapman, both natives of Redding, but residents of Ridgefield, Fairfield co., Conn., and a descendant of Judge Robert Chapman, who immigrated to Massachusetts from England in the early period of colonial history, was born in Ridgefield, Feb. 26th, 1819. He graduated at Yale coll. in 1842, and at Jefferson med. coll. in 1845, settling immediately after in Brooklyn, N. Y. His contributions to medical literature have been very voluminous. The following are some of them: "Cases of Membranous Croup," *New York Journal of Medicine*, March and July, 1854; "Case of Complete Prolapsus Uteri in Pregnancy," *ibid.*, May, 1854; "Puerperal Convulsions," *ibid.*, Nov., 1858; "Ergot: its History and Uses as a Therapeutic Agent," *Medical and Surgical Reporter*, Jan., 1860; "Congestion: the 'One Idea' in Uterine Therapeutics," *ibid.*, Jan., 1873. "Hypertrophy and Anteversion of the Uterus," *ibid.*, March, 1873; "Congestion of the Internal Genitalia, and Hypertrophy and Anteversion of the Uterus," *ibid.*, July, 1873; "Flexure of the Uterus," *ibid.*, Aug., 1873; "Pyrophosphate of Iron," *Boston Medical and Surgical Journal*, Feb., 1862; "Gynæcological Record," *ibid.*, March, 1862; "Treatment of Diphtheria," *ibid.*, Feb., 1863; "Hysterology: a Treatise on the Diseases and Displacements of the Uterus," published by Wm. Wood, New York, 1872; "The Menstrual Female," etc., *Detroit Review of Medicine*, May and June, 1874; "Contributions to Hysterology," *ibid.*, March, 1875; "The True Uterine Mucous Membrane," etc., *Buffalo Medical and Surgical Journal*, May, 1875; "Infant Diet," *Sanitarian*, Oct., Nov., and Dec., 1875; "Lime-Water and Milk as Food and Medicine for the Child-Bearing Female," Proceedings of the Kings co. med. soc., June, 1877; "Treatment of Diphtheria," *Buffalo Medical and Surgical Journal*, Oct., 1877. He was elected a physician to the Long Island coll. hosp. in 1858, and prof. of therap. and mat. med. in the same institution in 1859; the chair of clinical midwifery was added, and afterwards he was elected prof. of obstet., and the diseases of women and children: this position he held till his resignation in 1868. In 1846 he married Mary A., daughter of George Read, Esq., of New Haven, Conn. She died in 1856. In 1865 he married Maria B., daughter of John Davol, Esq., of Brooklyn, N. Y.

TALIAFERRO, VALENTINE H., Atlanta, Ga., of Virginia ancestry, was born in Oglethorpe co., Ga., Sept. 24th, 1831. He was educated in the univ. of New York, graduating from the med. dep't of that institution in 1872. He settled first in Coweta, Ga., and successively in Palmetto, Atlanta, Columbus, and finally again in Atlanta. He was vice-president of the med. asso. of Ga. in 1857; is a member of the Atlanta acad. of med., president in 1877, and was a member of the International medical congress held in Philadelphia in 1876. His contributions to medical literature have been upon "Medication by the Use of Uterine Cloth Tents in Diseases of the Body and Cavity of the Uterus;" "Pathological Sympathies of the Uterus;" "The Corset in its Relations to Uterine Diseases;" "New Intra-Uterine Pessaries," etc., etc. He was elected prof. of mat. med. and therap. in Oglethorpe med. coll., Savannah, Ga., in 1859, which he resigned the subsequent year. In 1872 he was called to the chair of diseases of women, in the Atlanta med. coll., Atlanta, Ga., and in 1875 was elected to the chair which he now fills, of obstetrics and diseases of women and children, in the same institution. In 1876 he was made dean of the faculty of the Atlanta med. coll., and in 1877 a member of its board of trustees. Upon the organization of the board

of health of the State of Ga., in 1875, he was elected its secretary and executive officer, which position he continues to fill. During the civil war he was surgeon in the Confederate States army; also lieutenant-colonel, colonel of cavalry, and brevet brigadier-general. In 1852 he married Mary A., daughter of Dr. B. O. Jones, of Atlanta, Ga.

PAYNE, ROBERT SPOTSWOOD, Lynchburg, Va., son of Alexander Spotswood Payne, and a lineal descendant—in the fifth remove—of Sir Alexander Spotswood, some time governor of the Virginia Plantations, was born in Goochland co., Va., Jan. 9th, 1809. Educated, primarily, at his home, under the care of private tutors, he entered as a student of medicine in the univ. of Pa., and in 1831 was graduated with the degree of M. D. from that institution. Establishing himself in Lynchburg, he has since continued in general practice in that town. He is a member of the Lynchburg med. asso.; hon. fellow of the Abingdon acad. of med.; hon. member and ex-president of the Va. med. asso., etc.; and was a delegate to the International medical congress in 1876. He has contributed occasional articles to professional periodicals. During the late war he had charge of Lynchburg hosp.; has been a member of the Lynchburg town council; president of the board of health; and has filled other local offices. He married, 1840, Frances, daughter of John G. Meim, Esq., of Lynchburg.

JORDAN, DAVID STARR, Indianapolis, Ind., son of Hiram Jordan and Huldah Lake (Hawley) Jordan (American for several generations), was born in Gainesville, Wyoming co., N. Y., Jan. 19th, 1851. He was educated at Cornell univ., Ithaca, N. Y., and studied medicine in the Ind. med. coll., graduating at the former M. S. in 1872, and at the latter M. D. in 1875. He settled in Indianapolis in 1874. Since his graduation he has made natural history his chief study, and of this he has devoted his special attention to ichthyology, marine botany, general anatomy, and vertebrate zoölogy. He is a corresponding member of the New York acad. of nat. sciences, and vice-president of the Indianapolis lyceum of nat. sciences. His contributions to scientific literature have been a "Treatise on Hoof-Rot in Sheep," and a "Manual of Vertebrate Animals," and many papers on "Fishes," mostly published under the auspices of the U. S. national museum. He has held the position of instructor of botany at Cornell univ.; prof. of nat. history in Butler univ., Irvington, near Indianapolis, Ind.; lecturer on botany and comparative anatomy in Ind. med. coll., and two sessions lecturer in the Harvard summer schools, viz., in the Anderson school of nat. history, at Penekese, on marine botany, and the school of geology, at Cumberland Gap, on botany and ichthyology. In March, 1875, he married Susan, daughter of Sylvester S. Bowen, Esq., of Peru, Mass.

SILVER, SILAS B., Glenville, Md., son of Benjamin and Charity Silver, was born in Harford co., Md., Feb. 20th, 1815. Entering the sophomore class at Union coll., N. Y., in 1832, he graduated there in 1835, and the following year began the study of medicine, in Philadelphia, under that eminent practitioner, Dr. Joseph Parrish. The same year he entered the med. dep't of the univ. of Pa., and from this institution he received his degree of M. D. in 1838. After practising for some years on Deer creek, Harford co. (the place of his birth), he eventually removed to his present location, Silverton, near Glenville, Md. He is a member of the Harford co. med. soc., serving as its president for several years, subsequent to 1868; and of the Am. med. asso. He was married, Nov. 26th, 1857, to Susan S., daughter of the late J. Pannill, Esq., of Harford co.

BOZEMAN, NATHAN, New York, was born in Butler co., Ala., March 26th, 1825. He studied medicine in the univ. of Louisville, Ky., and was also private pupil of Prof. S. D. Gross, then prof. of surgery in that institution, and graduated M. D. March, 1848. He settled in Montgomery, Ala., in 1849, in general practice, which after some years changed into the special branch of gynæcology. For a brief period in 1853 he was associated in practice with Dr. J. Marion Sims, then a resident of Montgomery. He performed the second operation in the United States for elephantiasis of the scrotum, weighing forty-six pounds, in 1854; also successfully, the same year, an original operation for vesico-vaginal fistula, complicated with laceration of the cervex uteri; made the combination of a new form of suture (button suture), with gradual propository treatment, applicable to all classes of vesico-vaginal fistula, and especially to such as were complicated with excessive loss of tissue, and with cicatrized obstructions in the vagina, which had never been done before; and by these improvements demonstrated seven successive cases, the highest uniform success which, at that date, had been reached by any operation; performed successfully an original operation for vesico-uterine fistula, distinguished by the

preservation of the procreative functions, in 1856; also an original operation having for its object the disengagement of the cervix uteri from its morbidly fixed position in the bladder, and the closing of the co-existing vesico-utero-vaginal fistula, with preservation of procreative functions, in 1857; also the same year an original operation for laceration of the outer extremity of the female urethra. In 1858 he visited Europe, and introduced some of his operations for vesico-vaginal fistula into the hospitals of London, Edinburgh, Glasgow, and Paris. Returning in the same year, he opened a private hospital in New Orleans for diseases of women in 1859. He settled in New York in 1866, and opened a private hospital there for the diseases of women in 1868; the same year perfected a self-retaining speculum and a portable operating-chair, intended to better utilize the knee-chest position, for the treatment of the more complicated cases of vesico-vaginal fistula; performed successfully an original operation for uretero-vaginal fistula in 1870, and for recto-utero-vaginal fistula in 1871. Having been drawn into a controversy with Prof. Gustave Simon, with regard to the priority and value of "kolpokleisis" as a means of treating vesico-vaginal fistula, and having protested against its wide and indiscriminate employment then known to exist, on the grounds of danger to life and of unnecessary mutilation of the vagina, he visited Germany and made a practical test with the German professor of the range of applicability of their respective methods of operating at the surgical clinic of the univ. of Heidelberg in the autumn of 1874; with Prof. Karl von Braun, in the general hospital at Vienna, in the spring and summer of 1875; with Profs. Dolbeau and Le Fort, in the hospital Beaujou, Paris, in the winter and spring of 1876. He returned to New York in the spring of 1877. He held the position of ass't demonstrator of anat. in 1848 in the univ. of Louisville; was attending surg. to the Charity hosp., New Orleans, in 1861; consult. surg. to St. Mary's hosp., Hoboken, in 1867; and is now consult. surg. to St. Elizabeth's hosp., New York. At the breaking out of the civil war he was commissioned a surgeon in the army of the Confederate States, and was at the first battle of Manassas; also, was appointed on the medical board for the examination of surgeons. He is a member of the Am. med. asso.; permanent member of the N. Y. State med. soc.; of the N. Y. county medical, pathological, and medico-legal socs.; fellow of the New York acad. of med.; corresponding member of the Boston gynæcolog. soc.; of the obstet. soc. of Philadelphia; and honorary member of the obstet. soc. of Louisville. In Oct., 1852, he married Fanny M., daughter of the late Rev. Benjamin B. Lamar, of Georgia; she died in 1861. In Feb., 1867, he married Mrs. Aurelia L. Ralston, also since deceased, the daughter of the late Judge Henry G. Lamar, of the same State.

BOYLE, CORNELIUS, Washington, D. C., born in that city, Nov. 12th, 1817. He is the son of the late John Boyle, of county Antrim, Ireland, who left that country in consequence of the political troubles of 1798, and arrived in this country, May 1st, 1801. John Boyle was a descendant of the celebrated O'Boyle family noted in the history of England and Ireland. The mother of Cornelius Boyle was Catharine Burke, of Maryland, directly descended from the earls of Clanrickard. The literary and classical education of Cornelius Boyle was obtained in Washington; he studied medicine at the Columbia med. coll. of that city, graduating M. D. in 1844, and settling in Washington. He is a member of the Am. med. asso.; of the med. soc. of the District of Columbia; and the vice-president of the med. asso. of the same place. During the late war he was provost marshal-general of the army of northern Virginia, in the Confederate service, on the staff of Generals Johnston and R. E. Lee. In 1853 he married Fanny R. Green, of Fredericksburg, Va., daughter of William D. Green, Esq.; she died in 1869. He married in 1876 Cherry, daughter of Gen. James N. Bethune, of Georgia.

EDGAR, WILLIAM S., St. Louis, Mo., son of Alexander A. Edgar, of Rahway, N. J., and Sarah (Crowell) Edgar, of the same place, was born in Philadelphia, Pa., Dec. 22d, 1816. He was educated at Rahway acad., and at Marion coll. until its dissolution in 1836, and graduated in medicine from the medical department of (Kemper college, now) the Mo. med. coll. in 1841, and settled first at Collinsville, and then at Jacksonville, Ill., and finally at St. Louis, in general practice. He is a member of the Am. med. asso.; the med. and microscop. socs. of St. Louis; and of the asso. of med. editors of the United States; has been president of the two last named. His contributions to medical literature consist of a number of papers published during the last twelve years in the *St. Louis Medical and Surgical Journal*, of which he has been editor and proprietor for the past six years. During the war he served four years as surgeon in the U. S. volunteer army. In Nov., 1839, he married Lavinia Phelps, daughter of Hon. Wil-

liam James, Esq., of Livingston co., N. Y., and by her has four sons and one daughter. His eldest son, William Henry, graduated from Ill. coll. at Jacksonville, Ill., in 1861, and served with rank of lieutenant in the 32d Ill. reg. and is now, 1877, editor of the *Jerseyville Republican*. Second son, Charles, enlisted in the same regiment, and was afterwards made a contract ass't surg., and is now practising medicine at Paris, Ill. Edward, the third son, accompanied his father, and assisted him in the care of the sick and wounded on the Atlanta campaign. At present employed as clerk in the Continental bank, of St. Louis. His youngest son, Frank, is one of the firm of Edgar, Whitehead & Vandervert, dry goods merchants of Jerseyville, Ill.

SMITH, SAMUEL HANBURY, New York, was born at Willenhall, Staffordshire, England, Feb. 15th, 1810. In 1831, after at hree years' course, he was graduated M. D. from University coll., London, taking honors in class of nature and treatment of disease; during the ensuing summer and fall was a student at Angers, France, under Billard, and shortly thereafter established himself in Stockholm, where in 1834, at the request of the renowned Prof. Berzelius, he accepted the position of senior phys. to the Cholera hosp. during the great epidemic which afflicted that city during that year. While residing in Stockholm he was a student in the Royal med. and chirurg. institute, and from that institution received in 1840 the degree of chirurgio magister. When he determined to emigrate to the United States in 1847, in addition to being unanimously elected a fellow of the Swedish med. soc., of which he had been an active working member for several years, he was presented with a certificate of his graduation as master of surgery from the Royal medico-chirurg. institute of Stockholm, and of his membership in the Royal coll. of health. This certificate, which was signed by every member of the faculty of the institute, highly recommended him to the profession as a man, a scholar and a doctor. Some idea of the estimation in which he was held by the profession in Stockholm may be formed from the fact that Prof. Berzelius arose from a sick-bed to come down to the steamer to bid him farewell; while Prof. Retzius, as long as he lived, maintained an active correspondence with him, and published extracts from Dr. Smith's letters in *Hygiea*, the organ of the med. soc. in Sweden. After arriving in the United States he practised successively at Cincinnati, Columbus and Hamilton, Ohio, finally establishing himself in 1859 in New York. During the past fifteen years he has been mainly occupied with the treatment of chronic disease with mineral waters. He is a fellow of the Swedish med. soc.; member of the Ohio State med. soc.; of the New York co. med. soc.; of the Medical Journal asso.; of the acad. of med.; of the acad. of natural sciences; of the public health asso.; of the Am. public health asso.; of the Am. med. asso., etc. He edited, rewriting much and supplying missing chapters, the second (posthumous) volume of "Drake's Diseases of the Interior Valley of North America," contributed to the *New York Medical Times* ten papers upon "Mineral Waters," and to the Transactions of the Swedish med soc. an essay (in the Swedish language) upon "Laryngismus Stridulus in Hygila." In 1849 he served as health officer of Cincinnati; was for some years prof. of the theory and practice of medicine in Starling med. coll., and in 1850–51–52 was superintendent of the Ohio State lunatic asylum. He married (1) June 8th, 1840, Emilie Berg, of Stockholm; and (2) March 30th, 1870, A. E. Victoria Starr, of New York.

HALE, JOSIAH, Owensboro', Ky., son of Caleb and Sally Hale, was born in Ohio co., Ky., Jan. 25th, 1829. He was graduated M. D. from the univ. of Louisville, in March, 1856, and in 1859 and 1860 attended a course of lectures in the med. dep't of the univ. of New York, and in the New York ophthalmic hosp.; and in 1871 and 1872 a course of lectures in the Bellevue hosp. med. coll. In 1857 he established himself at Hartford, Ky., removing thence in 1863 to Owensboro'. In the course of his practice he has performed many capital surgical operations; for several years he has given especial attention to the treatment of diseases of the eye. He is a member of the board of med. examiners of the 5th judicial district of Ky.; a member of the Am. med. asso.; of the Ky. State med. soc.; of the McDowell med. soc.; of the Owensboro' med. soc. Of his professional publications the following papers may be mentioned: on "The Treatment of Pneumonia," *American Practitioner*, July, 1870; "Treatment of Malarial Fevers," *ibid.*, Oct., 1870; "Treatment of Typhoid Fever," *ibid.*, Dec., 1870; "Half-Yearly Compendium of Medical Science," Jan., 1871; *The Practitioner* (London), Feb., 1871; on "Treatment of Trachoma," Transactions of Ky. State med. soc., 1871; on "Glioma of Retina," *Medical and Surgical Reporter*, Jan. 22d, 1876; on "Iodine as a Local Application in Uterine Disease," *American*

Practitioner, July, 1873; on "Prescriptions," *ibid.*, Nov., 1871; on "Embolism of Popliteal Artery," *Medical and Surgical Reporter*, July 29th, 1871, etc. He married (1) Nancy J., daughter of James W. Willis, of Ohio co., Ky.; (2) Emma McHenry, daughter of Hon. J. H. McHenry, of Owensboro', Ky.

WESCOTT, ROBERT, Elizabeth, N. J., son of George B. Wescott and Caroline (Davenport) Wescott, both of pre-revolutionary Philadelphia families, was born in Bethany, Wayne co., Pa., Oct. 5th, 1832. He graduated in medicine from the univ. of Pa. in 1853, and settled first in Philadelphia, then in Scranton, Pa., and in 1861 finally in Elizabeth in general practice. He is a member of the Union co. med. soc.; has been its vice-president, and is now its president. He held the position of U. S. surg. of the board of enrolment in the 3d district, N. J., from June, 1863, to the close of the war. In Jan., 1861, he married Hannah L., daughter of Joseph L. Noyes, Esq., of Mass.

HARTER, WILLIAM H., Herkimer, N. Y., was born at that place, July 9th, 1827. He was educated at Herkimer and Fairfield, and studied medicine at the coll. of phys. and surg., New York, graduating in March, 1852, and settling at Herkimer. He is a member and has been secretary and president of the Herkimer co. med. soc., and president of the village of Herkimer. In Jan., 1877, he married Elizabeth, daughter of Hon. F. P. Bellinger, Esq., of Herkimer.

ABEL, MATTHIAS, Quakertown, N. J., of German parentage, was born in Hunterdon co., N. J., Jan. 1st, 1833. He graduated in medicine from the coll. of phys. and surg., New York, in 1857, and settled in Quakertown in active general practice. He is a member of the Hunterdon co. district soc.; of the N. J. State med. soc., and has been twice president of the former. In March, 1864, he married Ellie M. Hises, daughter of Rev. W. D. Hises, of Hunterdon co., N. J.

BATEMAN, BENJAMIN RUSH, Cedarville, N. J., son of Dr. Ephraim Bateman, formerly U. S. senator from N. J., was born in Cedarville, Cumberland co., March 4th, 1807. He was educated at Bridgeton, N. J., and studied medicine at the univ. of Pa., and Jefferson med. coll., graduating at the latter institution M. D. in 1828, and settling in Cedarville. He is a member of the Am. med. asso.; of the State med. soc., has been its president; and of the district soc. of Cumberland co., has filled all the chairs in the latter. He is a trustee of the N. J. acad. at Bridgeton, has been twice elected to the legislature; is a director of the Cumberland mutual fire insurance co. of Bridgeton; secretary and treasurer of the Bridgeton and Port Norris railroad. He married, Dec. 10th, 1828, Sarah Ann Ogden. She died in 1855. In Nov., 1857, he married Ruth W. Mulford, daughter of Ephraim Mulford, Esq., of Fairfield, Cumberland co., N. J.; with her he now resides, Oct. 29th, 1877. Has been twice elected a justice of the peace, and has been extensively engaged in the practice of medicine for fifty years.

BOARMAN, CHARLES VERNON, Washington, D. C.—a descendant of the Boarmans and Morgans, of England; the latter from Monmouthshire, the former of whom received grants of land from Lord Baltimore, and the latter of whom settled also under proprietor's grant in Maryland previous to 1647—was born in Washington, March 2d, 1851. His literary education was received at Gonzaga coll., Washington, and his medical studies were pursued in the univ. of Georgetown, whence he graduated M. D. in 1871. He is a member of the med. soc., and of the med. asso. of the D. of C., also of the med. soc. of the alumni of the med. dep't of the univ. of Georgetown. He has held the position of lecturer in the summer school of medicine in the last-named institution on mat. med. and therap., and clinical lecturer on diseases of the lungs, heart and throat; he is now demons. of anat. in that institution; the latter position he has held for five years. He was formerly a phys. of the Central dispensary, and city phys.

BIDWELL, JOHN W., West Winsted, Conn., of English ancestry, was born at Monterey, Mass., Oct. 20th, 1824. He was educated at a select school in Berkshire, Mass.; at Norfolk acad., Litchfield co., Conn., and studied medicine at Woodstock, Vt., and at Berkshire med. coll., Pittsfield, whence he graduated M. D. Nov., 1846. He established himself at Lee, Mass., where he remained one year, and then passed three years in California and Oregon. He settled in Winsted, Litchfield co., in 1851, in the general practice of medicine and surgery. He is a member of the Conn. State med. soc.; of the Litchfield co. med. soc., and has been both vice-president and president of the latter. He was a member of the State legislature in 1855. In 1862 he married Alice J., daughter of Lyman Hart, Esq., of Barkhamsted, Conn.

SHEPHERD, WILLIAM WALLACE, Hillsboro', O., son of Dr. William A. Shepherd, was born in Highland co., O., Dec. 16th, 1837. Having studied medicine for a time under his father, he continued his studies in the office of Dr. E. H. Johnson, of Cincinnati; entered the med. coll. of Ohio, and was graduated thence M. D. in the spring of 1857. Until Oct., 1861, he practised in partnership with his father in Samantha, O.; subsequently, until Nov., 1863, alone in the same town, and on the latter date removed to Hillsboro'. While engaged in a general practice, he has paid especial attention to surgery, and has successfully performed almost all of the capital operations. He is a member of the alumni asso. of the Ohio med. coll.; at present (1877) a member of the executive committee; of the Highland co. med. soc., secretary since 1865; of the Ohio State med. soc.; and of the Am. med. asso. Among his published writings may be mentioned, an article upon "Diphtheria" in the *Ohio Medical and Surgical Journal*, for Nov., 1857; and an article upon "The Use of the Aspirator in Retention of Urine" in the *Cincinnati Clinic*, for March, 1877. He married, March 26th, 1863, Mary Frances, daughter of James S. Harding, Esq., of Ripley, O.

STRONG, THOMAS D., of Westfield, N. Y., was born at Pawlet, Vt., Nov. 22d, 1822. His ancestry, who were English, came to this country in 1640. He was fitted for college at Burr seminary, Manchester, Vt., and graduated at the univ. of Vermont, in Burlington, July, 1848, and also at the med. dep't of the univ. of Buffalo, in 1851, settling in Westfield immediately after. He is permanent member of the med. soc. of the State of N. Y.; and has been president of the Lake Erie med. soc., and of the Chautauqua co. med. soc. His medical writings have only been journal contributions. He married, in 1852, Lucy M., daughter of Calvin Ainsworth, Esq., of Williamstown, Vt.

PLANT, WILLIAM TOMLINSON, Syracuse, N. Y., of English ancestry, was born at Marcellus, N. Y., July 27th, 1836. He studied medicine at the univ. of Michigan, Ann Arbor, graduated in Dec., 1860, and established himself first at Ithaca, N. Y., then at Susquehanna, Pa. In Dec., 1861, he entered the U. S. navy, but resigned in 1865, and settled in Syracuse. He is a member of the Onondaga med. soc., and of the Syracuse med. asso.; is now president of the former. He is the author of papers on "Belladonna," "Calabar Bean," of a "Succinct History of Medicine of the Last Century," etc., etc. He held the positions of ass't and passed ass't surg. in the U. S. navy for four years of the war, having been on the "New Ironsides" in her attack on Charleston, under Admiral Dupont, in April, 1863, and on the U. S. S. "Housatonic" when she was destroyed by a torpedo off Charleston, in Feb., 1864. He is prof. of clinical and forensic medicine and diseases of children in the coll. of medicine of the Syracuse univ. In May, 1866, he married Frances C., daughter of John I. Walrath, Esq., of Chittenango, N. Y.

POWERS, GEORGE HERMON, San Francisco, Cal., of American parents, and English descent, was born in Boston, Mass., June 13th, 1840. He was educated in the public schools in Chelsea, Mass., Harvard coll., and Harvard med. school, graduating A. B. in 1861, and M. D. in 1865. He settled in San Francisco in 1866, making a specialty of ophthalmology, which he had studied with Dr. H. W. Williams, of Boston, after graduation. He is a member of the Cal. State med. soc.; of the San Francisco med. soc.; and of the San Francisco med. benevolent soc. During the war he was ass't surg. of the 60th Mass. vols. He is connected with the Pacific dispensary for women and children. In 1872 he married Cornelia, daughter of Russell Chapman, Esq., of New Haven.

ANDERSON, RICHARD, Albemarle, N. C., was born in Rowan co., N. C., Feb. 6th, 1835. He was educated at Mocksville acad., Davis co., N. C., and studied medicine at the univ. of the city of New York, graduating M. D. in 1858, and settling at Albemarle the same year. He is a member of the N. C. State med. soc., its vice-president in 1877; and of the Pee Dee med. soc., was its first president. He represented his district in the State Senate in 1873; and was a surg. in the Confederate army during the war. In 1864 he married Mary L. Forrest, daughter of R. Forrest, Esq., of Stanley co., N. C.

HUNT, SYLVESTER H., Eatontown, N. J., son of Henry Hunt and Ann Eliza (Marston) Hunt, was born in Troy, N. Y., June 21st, 1837. He was educated at Lansingburg acad., New York, at Charlotteville seminary, Schoharie co., N. Y., and pursued the study of medicine at the coll. of phys. and surg., New York, and at Jefferson med. coll., Philadelphia, graduating at the latter M. D. in 1865, and settling in Eatontown in

general practice. He is a member of the Monmouth co. med. soc.; of the N. J. State med. soc.; and has been president of the former. His contributions to medical literature are, many of them, published in the reports of the N. J. med. soc. for the past few years. He held the position of med. cadet U. S. army for one year, and was also for one year ass't surg. in the U. S. army. He is a member of the educational board of Eatontown. In May, 1870, he married Elizabeth S., daughter of John C. and Elizabeth Parker.

PANGBURN, DAVID, Judson, Ark., of American parents, and of English and Dutch descent, was born in Schenectady co., N. Y., Aug. 7th, 1813. He was educated at the acad. and lyceum of Schenectady, and at Broad Alban, in Montgomery co. high school, and graduated in medicine at the Albany med. coll. in Jan., 1847, settling first at Burtonville, Montgomery co., N. Y., then at Middleport, Meigs co., O., and finally in Judson, White co., Ark. He is a member of the State med. soc. of Ark. He has held the position of coroner of Meigs co.; postmaster of Middleport, Meigs co.; and is now postmaster of Judson. He is connected with the patrons of husbandry. In June, 1838, he married Mary Ann, daughter of John McDonald, Esq., of Princetown, Schenectady co., N. Y.

SNYDER, DANIEL J., Scio, Harrison co., O., son of John Snyder, of Holmes co., O., and of Susan (Miller) Snyder, of Westmoreland co., Pa., was born near Farmerstown, Holmes co., April 9th, 1841. He was educated in the schools of his district, after which he became a teacher; subsequently studying medicine in Cincinnati coll. of medicine and surgery, and graduating in Feb., 1870. He settled first in Lamartine, Carroll co., O., and afterwards in Scio. He is a member of the Ohio State med. soc.; and of the Stillwater med. soc. He is the author of a paper on the "Use of Ergot in Puerperal Convulsions," published in the Transactions of the Ohio State med. soc. in 1874. In March, 1867, he married Mary E., daughter of Dr. Wm. W. Custer, of Scio, O., and cousin of the late Gen. G. A. Custer, of the U. S. army.

EWING, DAVID CRAWFORD, Batesville, Ark., was born in Madison co., Tenn., Nov. 7th, 1846. His literary education was obtained at Madison acad., Madison co., Tenn., and his medical education at the univ. of Louisville, Ky., where he graduated M. D. in 1871, and settled at Batesville, Ark. He is a member of the Ark. State med. asso. July 2d, 1874, he married Laura A. Cox, of Batesville, Ark.

ASHCRAFT, JOHN H., Mullica Hill, N. J., was born at Barnsboro', Gloucester co., N. J., Sept. 11th, 1833. His early education was received in Philadelphia, and he studied also in the univ. of Pa., in that city. He graduated in medicine from the Jefferson med. coll. in March, 1855; settled first at Abington, Pa., and then at Mullica Hill. He is a member of the Gloucester co. district soc.; also of the N. J. State med. soc.; and has held the office of school trustee. He was married, Jan., 1865.

BAIRD, WILEY MONROE, Surfton, Ark., of Irish descent, was born in Murfreesboro', Tenn., May 5th, 1840. He was educated at Irving coll., Tennessee, and graduated in medicine from the univ. of Nashville in March, 1860. Settled first in Lebanon, Tenn., and at Surfton in 1867. He is a member of the State med. soc. of Ark.; and during the civil war was ass't surg. in the Confederate army. He was in 1874–75 a member of the house of representatives of Arkansas. In Sept., 1866, he married S. E., daughter of T. W. Jordan, Esq., of Milan, Tenn.

BATES, THOMAS H., Brinkley, Ark., was born in Dover, Stewart co., Tenn., Feb. 2d, 1839. He was educated at the Dover male acad., and studied medicine in the univ. of Nashville, graduating M. D., March, 1871, and settling first at Sycamore Mills, and next at Cumberland Iron Works, Tenn., afterwards at Trenton, and finally at Brinkley, Ark. His practice is general, but his specialty is obstetrics. He is a member of the State med. soc. of Ark., its librarian in 1875–76. During the civil war he was two years captain in the Confederate army. In May, 1866, he married Low J. Harral, daughter of Elder Jobe Harral, Esq., of De Soto co., Miss.

MCSWAIN, ELDRIDGE TRACY, Cross Hill, S. C., of Scotch descent, the son of the Rev. W. A. McSwain, of the M. E. Church, South, was born in Stanley co., N. C., June 30th, 1836. Educated at the Charleston high school, and in the med. coll. of South Carolina. He graduated M. D. from the latter institution in March, 1859, and in the same year established himself in practice in New Market, Abbeville co., S. C. Upon the breaking out of the war in 1861 he entered

the Confederate army as an ass't surg., and until 1865 was constantly engaged in active service, save while a prisoner. In Feb., 1865, he was promoted to be surgeon, and acted as brigade surgeon until close of war. Is a member of Laurens co. med. soc. He married, for a second time, Oct. 28th, 1869, Janie, daughter of John J. McGowan, Esq., of Cross Hill, S. C.

BATEMAN, EPHRAIM, Cedarville, N. J., son of Dr. B. Rush Bateman, of Cedarville, and grandson of Hon. Ephraim Bateman, M. D., was born at Cedarville, Dec. 2d, 1829. He graduated in medicine at Jefferson med. coll. in March, 1851, and settled in Cedarville. He is a member of the Am. med. asso.; of the N. J. State med. soc.; and of the Cumberland co. soc.; has held all the official positions in the district soc. His contributions to medical literature consist of some papers for the *New Jersey Medical Reporter* when it was a monthly. He was for a number of years a member of the board of chosen freeholders of his county; and has held nearly every political office in his township. He was for some time trustee of the Cumberland co. almshouse. In March, 1858, he married the daughter of David Gale, Esq., of Cedarville, N. J.

BRODIE, WALTER, Whitaker, Edgecombe co., N. C., grandson of Dr. Edmund Brodie, son of Thomas Louis Brodie and Elizabeth (Thorp) Brodie, was born in Granville co., N. C., Oct. 25th, 1846. He was educated at the Graves, Homer, and Bingham acads., at the univ. of Pa. and the univ. of Md., and graduated in Baltimore, March, 1867. He settled first at Sassafras Fork, in Granville co., and moved to Whitaker in 1867. He is a member of the State med. soc. He has held the position of town commissioner and town treasurer for several years. In 1874 he married Ella A., daughter of D. A. S. Ricks, Esq., of Nash co., N. C.

BARKER, PHANETT C, Morristown, N. J., of Massachusetts Puritan stock, was born in Oneida co., N. Y., May 9th, 1835. He was educated at Mexico acad., Oswego co., N. Y., and studied medicine at the coll. of phys. and surg., New York, graduating in March, 1860, and settling first at Cold Spring, on the Hudson river, and removing to Morristown in 1868 in general practice; but making specialties of gynæcology and obstetrics. He is corresponding member of the Boston gynæcolog. soc., and president of the Morris co. med. soc. Among the articles contributed to medical literature is one "Concerning the Action of Opium upon the Uterus, especially as a Parturient Agent," *New York Journal of Medicine*, June, 1869. Since 1869 he has been U. S. pension examining surg. In 1863 he married Anna E., daughter of David L. Barton, Esq., of Waterville, N. Y.

STEVENSON, JOHN RUDDEROW, Haddonfield, N. J., son of Samuel Stevenson and of Anna (Rudderow) Stevenson, and descended from Thomas Stevenson, who in 1644 immigrated from London, England, and settled in Southould, Long Island, and whose grandson, John Stevenson, settled in Burlington co., in 1706, and married Mary Jenings, daughter of Samuel Jenings, the first colonial governor of West New Jersey, was born in Burlington co., N. J., Feb. 12th, 1834. He was educated in the Philadelphia high school, and in the med. dep't of the univ. of Pa., and graduated M. D. in 1863. He settled first in Camden and then in Haddonfield. He is a member of the Camden co. med. soc., and of the N. J. State med. soc. He is the author, among other papers, of one on the "Medical Facts collected during the Examination of Men who Claimed Exemption from Military Service in New Jersey," and another on the "Measures adopted to prevent the Introduction of Cholera into Camden, and of its Eradication after its Introduction," published respectively in the Transactions of the med. soc. of New Jersey for 1864 and 1867. During the war he was in the provost marshal's bureau, U. S. army, and surgeon of the board of enrolment of the first congressional district of New Jersey from its organization to its close. In 1861 he married Frances Stratton, daughter of Hon. Charles Reeves, of Camden, N. J.

WOOD, GEORGE B., Philadelphia, was born in Greenwich, Cumberland co., N. J., March 13th, 1797. He was educated at the univ. of Pa., where he graduated A. B. in 1815, and studied medicine in the med. dep't of the same institution, receiving his degree of M. D. in 1818. He is the author of a number of works which rank high in medical literature. Among these are: "The Dispensatory of the United States," written in conjunction with Dr. Franklin Bache, in 1833, pp. 1073. This work was thoroughly exhaustive in its description of many medicinal agents peculiar to American practice, indicating minutely their various properties and effects. It has gone through thirteen editions, the last being 1870, pp. 1830. Of this work about 150,000 copies have been sold. In 1847 he published "A Treatise on the Practice of Medicine," 2 vols. 8vo. This work has gone through six editions, the last being in

1867. In 1856 he published "A Treatise on Therapeutics and Pharmacology, or Materia Medica," of which three editions have been issued, the last in 1868; and a volume containing twelve lectures, six addresses on medical subjects, and two biographical memoirs, in 1859, chiefly delivered before the medical classes of the univ. of Pa. He has also written the "History of the Pennsylvania Hospital;" "History of the University of Pennsylvania;" "Biographical Memoirs of Franklin Bache," etc. Besides these, he has included in some of the above an account of the work just published, and of those who, besides Dr. Bache, assisted him in editing the editions of 1840, 1850, and 1860, and of a briefer work of the same nature, which preceded them all in 1831. These, together with the "History of Christianity in India," of "The British Indian Empire," of "Girard College," etc., were collected into a volume, entitled "Memoirs, Essays, and Addresses." He was prof. of chemistry in the Philadelphia coll. of pharmacy from 1822 to 1831, of materia medica in the same institution from 1831 to 1835; prof. of materia medica in the univ. of Pa. from 1835 to 1850; of the theory and practice of medicine in the same institution from 1850 to 1860; and phys. to the Pa. hosp. for 1835 to 1859. He, in 1865, endowed the auxiliary faculty of medicine in the univ. of Pa., consisting of five chairs: one of zoölogy and comparative anatomy; one of botany; one of geology and mineralogy; one of hygiene; and one of medical jurisprudence; all of these to be especially considered in their relation to medicine.

TREADWELL, OLIVER FERDINAND, Hamden, Conn., great-grandson of John Treadwell, who was governor of Connecticut, and first president of the A. B. C. F. M., and of —— Brewster of "Mayflower" stock, was born in Baltimore, Md., June 25th, 1841. He was educated at Rockville acad., Md., and at Yale coll., and pursued his medical education at the med. dep't of that institution, graduating from the former in 1862, and receiving his degree of M. D. in 1865, settling at Hamden. He is a member of the Conn. State med. soc., and of the New Haven city med. soc. In July, 1872, he married Sarah Jane, daughter of Thomas Barraclough, of Glenham, N. Y.

GIBSON, LORENZO P., Little Rock, Ark., was born in that city, Aug. 18th, 1855. He was educated at St. John's coll., Little Rock, and graduated B. P. June, 1875; studied medicine at Louisville med. coll., and at Jefferson med. coll.; and graduated from the latter M. D. in the current year, settling in practice immediately after in Little Rock. He is a member of the Ark. State med. soc., and of the coll. of phys. and surg. of Little Rock; is ass't secretary of the former, and secretary of the latter.

LALLERSTEDT, THOMAS LAMSON, Flat Rock, Ga., was born in Lincoln co., Ga., Aug. 25th, 1838, of Swedish parents. He was educated at Augusta, Ga., and in Ohio, and studied medicine at the (Georgia med. coll., now) univ. of Ga., at Augusta, graduating in March, 1867, and settling first in Augusta, then Berzelia, then Thompson, and lastly in Flat Rock, De Kalb co. He is a member of the Ga. State med. asso. He is the author of articles on the treatment of asthma; frost bites; and on quinine in puerperal fever. In Oct., 1874, he married Susan H., daughter of Jude E. Palmer. He was married a second time in Dec., 1876, to Martha A., daughter of N. Dobbs, Esq.

LIAUTARD, ALEXANDER FRANCIS, New York, was born, Feb. 15th, 1835, in Paris, France, where he was educated, entering the veterinary school of Alfort, France, in 1850, from which he graduated in 1854, and in 1864 the med. dep't of the univ. of New York, graduating in 1865. He served in the French army as veterinarian; resided subsequently in Paris; and in 1860 came to the United States, settling in New York, where he has since remained. His specialty is veterinary surgery. He is a member of the N. Y. county med. soc.; of the East river soc.; of the New York Medical Journal asso.; of the Am. public health asso.; of the U. S. veterinary med. asso., of which he was president in 1875 and 1876; of the New York veterinary soc.; of the New York acad. of sciences; and of the Academie Nationale of Paris. He has published a translation of Bouley's work on "Hydrophobia," and is the editor of the *American Veterinary Review*. He is consulting veterinary surg. to the health board of New York city; principal and chief veterinary surg., as well as prof. of anatomy, surgery, and sanitary medicine, in the Am. veterinary coll.

WELLS, EBENEZER, Freeport, Me., son of Ebenezer Wells, of Bristol, Me., was born in Warren, Me., March 9th, 1801. He was educated at Warren acad., and pursued the study of medicine at Me. med. school (Brunswick), whence he graduated M. D. in 1823, and settled first at Booth Bay, Me., removing to Freeport in 1826. He

is a member of the Me. med. asso., and was member of the Me. med. soc., now not active; was secretary and treasurer of the latter. From 1840 to 1845 he held the position of lecturer on obstetrics at the Me. med. school; has been representative of Freeport in the Me. legislature five years; and was county commissioner for one year. In Oct., 1823, he married Lydia M. Sewall, of Bath, who died Nov. 17th, 1829. On Aug. 29th, 1831, he married Mary Angier, daughter of Dr. John A. Hyde, of Freeport, Me.

TUNSTALL, ALEXANDER, Norfolk, Va., son of Robert B. Tunstall and Elizabeth (Walke Williamson) Tunstall), was born in Norfolk, Va., April 8th, 1843. He was four years at the Norfolk military acad., two years at the Mountain Home high school, Botetourt co., Va., and two years at William and Mary coll., Williamsburg, Va., and studied medicine at the Bellevue hosp. med. coll., N. Y., graduating in 1868. He was an interne phys. of the 2d med. div. in Bellevue hosp. for eighteen months, and was also for nearly a year a resident phys. in the Nursery and child's hosp., New York. He settled in Norfolk in general practice. He is a member of the Va. State med. soc., and of the Norfolk med. soc., has been treasurer of the latter, and is now its president. During the civil war was adjutant 6th Va. infantry in Mahone's brigade, army of northern Va., Confederate States of America. He is med. examiner of the Life asso. of America, Maine mutual, and associate examiner for the New York mutual, and New York life insurance company. In April, 1876, he married Annie D., daughter of Capt. Charles F. McIntosh, formerly of the Confederate States navy.

BRADLEY, THOMAS W., Burgettstown, Washington co., Pa., of American parentage, and of Dutch and Irish ancestry, was born in York co., Pa., Aug. 12th, 1812. He was educated at the Starling med. coll., Columbus, O., and graduated M. D. in Feb., 1851. He settled first at Florence, Washington co., and in 1857 removed to Burgettstown, where he has pursued a general practice, but giving special attention to surgery. He is a member of the Rush med. soc. (composed of part of Washington and Beaver cos. and part of West Va.); of the Washington co. med. soc., has been its president; and of the Am. med. asso. He is the author of an article on "Blisters," and another on "Strychnine as a Medicine." He was associate judge of Washington co., Pa., from 1871 to 1876. In 1837 he married Rachel, daughter of Samuel and Elizabeth Scott. She died in 1841. In 1843 he married Eliza J., daughter of William and Eleanor Boyles. He removed a medullary tumor six times in eighteen months (it having been reproduced) from the pharynx of a man; performed tracheotomy successfully once.

MANN, MATTHEW DARBYSHIRE, New York, of New England descent, the son of Charles A. Mann, Esq., a lawyer prominent at the Utica bar, was born in Utica, N. Y., July 12th, 1845. Educated at the public schools, at Yale coll. (graduating in the class of 1867), and at the New York coll. of phys. and surg., he received his degree of M. D. in 1871. During the year subsequent to his graduation he was attached to the Stranger's hosp., and on the expiration of his term of service he made a professional visit to Europe. Returning to New York in 1873, he established himself in private practice, making a specialty of obstetrics and gynæcology. He is a member of the New York co. med., laryngological and obstetrical socs., having served as recording secretary and pathologist to the latter in 1876 and 1877; a fellow of the New York acad. of medicine. He is attending phys. for diseases of women to the New York dispensary, and since Jan., 1876, has been lecturer upon clinical microscopy in the coll. of phys. and surg. He has contributed to the *American Journal of Obstetrics* several papers, among which may be cited: "The Immediate Treatment of Superficial Ruptures of the Perineum;" has prepared the annual reports (for 1874–75–76) for the New York Journal asso. upon "The Progress of Obstetrics," and (with Dr. St. John, of New York) has translated "Buhl on Phthisis." He was married, Nov. 11th, 1869, to Elizabeth Pope, daughter of the late Daniel N. Pope, Esq., of Philadelphia.

LEAL, JOHN R., Paterson, N. J., of Scotch ancestry and American parentage, was born in Meredith, Delaware co., N. Y., Oct. 20th, 1823. He was educated at Delaware acad., Delhi, N. Y., and studied medicine at the Berkshire med. coll., and at the univ. of New York, graduating M. D. from the former in 1848, and settling first at Andes, N. Y., North Salem, N. Y., and Paterson, N. J. He is a member of the N. J. State med. soc., and State sanitary asso.; of the Passaic co. med. soc., its treasurer since 1869; and of the Paterson med. asso., vice-president in 1877. He holds the position of surg. to the ladies' hosp. During the war, from Sept., 1862, to July, 1865, he was surg. to the 144th reg. N. Y. vols.; chief medical officer of the district of Port Royal; medical

director of the dep't of N. J., G. A. R. In Aug., 1855, he married Mary E., daughter of Rev. James Laing, of Andes, N. Y.

CHRISTIAN, ROBERT BRECKENRIDGE, Fulton, Ark., was born in Tuscumbia, Ala., of Virginian parents. He was educated at the univ. of Va., and graduated in 1870, settling first in Madison co., Ala., and removing thence in 1871 to Fulton, Hampstead co., where he has since been actively engaged in the treatment of diseases incident to a malarial region. He is a member of the State med. soc. of Ark., and Hampstead co. med. soc. He is the author of a paper on "Puerperal Convulsions," contributed to the *Medical and Surgical Reporter*. He served a few months in the Confederate army during 1864 and 1865, and about four months at Camp Chase, Ohio, in 1865. In Dec., 1872, he married Anna M., daughter of J. S. Christian, Esq., of Memphis, Tenn.

BIRCH, GEORGE WASHINGTON, Stamford, Conn., was born in New York, Jan. 18th, 1831. He was educated at a Patterson, N. Y., private school, and studied medicine at Yale med. school, graduating in 1858, and locating himself in Redding, Fairfield co., Conn., then in North Stamford, and finally in Stamford village. He is a member of the Fairfield co. med. soc., and was its clerk in 1852. He has been elected one of the justices of the peace for the town of Stamford, and also phys. to the board of health for the borough of Stamford. On Aug. 31st, 1857, he married Harriet M. Sommers. She died in Stamford, March 23d, 1875. On July 3d, 1876, he married Gussie L. Gumbs, of Brooklyn, N. Y. He is again a widower, his second wife having died a few weeks after marriage.

SNOW, NORMAN L., Albany, N. Y., of English ancestry on his father's side, and Swiss on his mother's, was born at Root, Montgomery co., N. Y., April 7th, 1839. He received his academical education at Union coll., from which he graduated in June, 1859, and his medical education at the coll. of phys. and surg. of New York city, graduating in March, 1861. From 1862 to 1865 he served in the U. S. army; then at Canajoharie, N. Y.; and since 1875 he has practised at Albany, N. Y. While at Canajoharie he did most of the surgery in that region, going through nearly the whole range of surgical operations. During 1873 he visited the hospitals of Paris, Vienna, and London. He is a member of the Montgomery co. med. soc.; the Albany med. soc., and the State med. soc. of N. Y. His literary contributions consist principally of papers read before medical societies. From Aug. 23d, 1862, to Feb. 18th, 1864, he was ass't surg. in the U. S. army, and surg. from Feb. 18th, 1864, to Oct. 18th, 1865. During the summer of 1865 he was health officer of the district of Savannah, Ga. He was married in May, 1873, to Elizabeth J. Smith, daughter of J. C. Smith, of Canajoharie, N. Y., and has had two children, daughters, of whom one is living.

BROWN, BEDFORD, Alexandria, Va., born in Caswell co., N. C., is the son of Bedford Brown, U. S. senator from North Carolina, and Mary L. Brown. He studied medicine at the Transylvania univ., Lexington, Ky., and at the Jefferson med. coll., Philadelphia, graduating from the former in 1848, and from the latter in 1853. He first settled in Yanceyville, N. C., whence he removed to Alexandria, Va., where he still resides. He is a member of the med. soc. of D. C. From 1855 to the present time he has made numerous contributions on various medical subjects to the *American Journal of Medical Sciences*, and to the *Philadelphia Medical Times*. Among others he is the author of the following named articles in the *American Journal of Medical Sciences*: an article on the "Treatment of Hydrocele," in 1855; on "Typhoid Pneumonia," in 1858; on "The State of the Nutritive Functions During the Progress of Continued Fevers," in 1859; on "The Treatment of the Malignant Forms of Remittent Fever with Nitric Acid," in 1859; on "A Case of Extensive Compound Fracture of the Cranium, Severe Laceration and Destruction of a Portion of the Frontal Lobes of the Brain, followed by Fungus Cerebri and terminating in Recovery." This is probably the first, if not the only case on record in which chloroform was used in extensive injuries of the kind, and in which the effects of its action on the physical functions of the brain were demonstrated to the eye. It was published in 1860. An article on "Epidemic Diphtheria," published in the *Richmond Medical Journal*, in 1866. An article on "Internal Use of the Tincture of the Chloride of Iron in Cutaneous Affections," in the *American Journal of Medical Sciences*, in 1866; also in the same an article on "The Use of Bromide of Potassium in Affections of the Testis," in 1867. In 1874 an article entitled "Contributions to the Pathology of Adherent Placentæ," was published in the *Philadelphia Medical Times*. In 1875 a paper appeared in the same journal from his pen, on "The Treatment of

Membranous Croup by Means of Large Doses of Iodide of Potassium," and in the year 1876 he contributed an elaborate article on "The Pathology and Treatment of Injury from Burns" to the same. He was surg. and med. director in the Confederate army. He was married to Mary E. Simpson, of Washington, D. C., July 1st, 1852.

CLARK, ELISHA P., Hope Valley, R. I., was born at Westerly, R. I., Aug. 17th, 1833, of American parents. He was educated at De Ruyter institute, New York, and studied medicine at Harvard med. coll., and Boudoin (Maine) med. coll., graduating M. D. in Aug., 1863, and settling first at Milford, Mass., and at Hope Valley at the close of the war. His practice is general; but its leading feature is obstetrics. He was elected fellow of the R. I. med. soc. in 1867. He served as ass't surg. of the 31st Mass. vols. from Feb., 1864, to the close of the war.

RAUSCHENBERG, CHRISTIAN W. E., Atlanta, Ga., was born at Waltershausen, at the foot of the Thuringian mountains, Germany, Sept. 29th, 1823. He was educated first by private teachers, then at the gymnasium at Gotha, studied medicine and natural sciences at the univ. of Leipsic, and graduated in 1845. He travelled for several years after this, and finally came to this country, and settled in Wartburg, Morgan co., Tenn. The healthfulness of this locality, outside of a few surgical cases, left him time to study the geological and mineralogical character of the section, its fauna and flora, and for the collection of a large number of zoölogical and mineralogical specimens for European museums. He removed to Dalton in 1849, and then to Varnell's Station, on the railroad between Dalton and Knoxville. In 1863, after the battles of Chickamauga and Missionary Ridge, he went to reside in Atlanta, then to Macon, then to Dawson. He there became agent of the bureau of refugees, freedmen, and abandoned lands; acting ass't surg. U. S. army, in charge of troops at Cuthbert; later of a U. S. dispensary at Albany, Ga. On the abolition of the bureau referred to he settled in Atlanta. In 1871 he was elected a member of the Atlanta acad. of med., has been its vice-president; and since 1861 has been a member of the Ga. med. asso. He is also honorary member of the Knox co. branch of the med. asso. of East Tennessee. His contributions to medical literature have appeared in the *Atlanta Medical and Surgical Journal*, of which he was associate editor in 1873. They are as follows: "Case of Typhoid Fever, with Pathology and Treatment of Continued Fever," Sept., 1871; "Superfœtation," July, 1872; "Microscopic Organisms as Instigators of Disease," Sept., 1872; "Cerebro-Spinal Meningitis," etc., Nov., 1873; "Fever, in the Light of Modern Physiology and Pathology," Aug. and Sept., 1873; "Cells and Cell-Life," Nov., 1873; "Report on Hygiene," May, 1874; "Normal Ovariotomy," "Menstrual Physiology," Sept., 1874; "Ovulation and Menstruation," etc., etc., March, 1876; "Sewage and Drainage of Atlanta," etc., March, 1877. His abstracts from German journals for the same journal have also been voluminous. From Virchow's Archives are the following: "Meningitis Cerebro-Spinalis," *Atlanta Medical and Surgical Journal*, Nov., 1871; "War Typhus and Dysentery," Dec., 1871; "Croup and Diphtheritis," Feb., 1872; "Diphtheritis and Diphtheria," *ibid.*; "General Phenomena Occurring After Extensive Burns of the Skin," Aug., 1872; "Treatment of Chronic Rheumatism," Nov., 1872; "What Constitutes the Process of Taking Cold," Dec., 1872; "The Geneses of Acute and Chronic Inflammation," Jan., 1873; "The Transfusion of Blood," *ibid.*; "The Operative Treatment of Pleuresii Exudations," Feb., 1873; "Catarrh of the Genital Organs of the Female," March and May, 1873; "The Treatment of Cholera," etc., July, 1873; and many others. He is a member of the sanitary commission of Atlanta. In 1848 he married Julie Gerhardt, of Leipsic, Germany. She died in 1874.

BRANIN, HENRY E., Blackwoodstown, N. J., of American parents, of Scotch, Irish, and English ancestry, was born in Medford, N. J., Jan. 8th, 1836. He was educated at Mt. Holly, N. J., and Charlotteville, N. Y., and studied medicine at the Jefferson med. coll., from which he graduated M. D. in 1858, preceptor, Dr. A. E. Budd, Medford, N. J., settling in Blackwoodstown. He is a member of the Camden co. med. soc., and of the N. J. State med. soc. He held the position of phys. to the Camden co. almshouse nine years. In 1861 he married Judge Dotterer's daughter, of Blackwoodstown, Camden co., N. J.

GRAY, GEORGE HARRISON, Meriden, Conn., son of J. Harrison Gray, M. D., Springfield, Mass., and grandson of Harrison Gray, of Boston, was born in Springfield, Mass., March 30th, 1847. He was educated at Oberlin, O., at the Yale scientific coll., and at the coll. of phys. and surg., New York, graduating from the latter M. D. in 1869. He entered the U. S. navy, in which he remained one year as apothecary, and two

years as ass't surg., and then accepted the chair of English language in the Imperial coll. at Yeddo, Japan. After being there one year he returned, and located himself in Clinton, Conn., but finally settled in Meriden. His specialty is surgery. He is a member of the Middlesex co. med. soc.; of the New Haven co. med. soc., was clerk of this in 1876; and of the Conn. State med. soc. He is the author of "Febris Diphtheroides," *American Journal of Medical Sciences*, Jan., 1873; "Animal Heat and Gelsemium," *Medical Record*, June, 1876; "The Sense of Perception," monograph. In 1876 he married Mary, daughter of Daniel Bacon, Esq., of Connecticut.

SEGUIN, EDWARD CONSTANT, New York, born in 1843, pursued his medical studies at the coll. of phys. and surg., New York, and graduated M. D. at that institution in 1864.

WITHERS, THOMAS, Petersburg, Va., son of Thomas Withers, a planter, of Dinwiddie co., Va., and grandson of William Withers, secretary of Governor Dinwiddie, in the colonial times, was born in Dinwiddie co., Va., July 30th, 1808. He received his literary and classical education in Hampden Sydney coll., and studied medicine at the univ. of Pa., and med. coll. of the univ. of Va., graduating M. D. at the latter in July, 1834. He commenced practice in Dinwiddie co., removing to Greensboro', Ala., in 1844. In 1847 he settled in Petersburg. He is a member of the Am. med. asso.; of the State med. soc. of Va.; and president of the medical faculty of Petersburg. He has been recorder, and many times member, of the common council of Petersburg; for many years president of the library asso.; president of the Commercial national bank of Petersburg for the past five years; and director of the same since its formation, etc., etc.

GREEN, JAMES SPROAT, Elizabeth, N. J., was born in Princeton, N. J., July 22d, 1829. He was educated at Princeton coll., and studied medicine in the univ. of Pa., whence he graduated M. D. in 1851. He settled first in Philadelphia, and afterwards in Elizabeth, N. J., 1853. From 1850 to 1853 he was ass't demonstrator of anat. in the univ. of Pa.; resident phys. at Wills' hosp.; and also resident surg. of Pa. hosp. in the summer of 1853. His specialty is orthopœdic surgery. He is permanent member of the Am. med. asso.; was president of Union co., N. J., med. soc.; and is fellow of the New York obstet. soc., and now is its first vice-president. He is the author of a case of "Double Hernia on Same Side Successfully Cured," *New York Medical Journal*, July, 1875; of "Intestinal Obstruction, etc., Calling for the Operation of Laparotomy," *ibid.*, 1875; of "Extra-Uterine Pregnancy," etc., etc., *American Journal of Obstetrics*, April, 1876; of "Resection of the Tibia to Relieve Angular Deformity," *New York Medical Journal*, June, 1876; of "Icterus Gravidarum," *American Journal of Obstetrics*, Nov., 1876; of "Strangulation of Intestine," etc., *ibid.*, Jan., 1877; of "Uterine Sarcoma," *ibid.*, April, 1877; of "Case of Tetatanie, or Intermittent Tetanus," etc., etc.; of "Dislocation of Long-Head of Biceps Cubiti Muscle, Diagnosis and Treatment," *Virginia Medical Monthly*, May, 1877.

DISBROW, REM LEFFERTO, Tom's river, N. J., son of Dr. S. M. Disbrow and Annah Brower Disbrow, of Brooklyn, Long Island, was born in Matawan, Monmouth co., N. J., Oct. 21st, 1835. He graduated in medicine at the coll. of phys. and surg., New York, in March, 1862, and settled first in Farmingdale, Monmouth co., and afterwards, in 1866, at Tom's river. He is a member of the Ocean co. district med. soc.; vice-president in 1873, treasurer in 1871, and president in 1876. In 1872 he was appointed examining surg. for pensions. He was ass't surg. of the 14th reg. N. J. vols. during the rebellion, and served as such till the close of the war. In Dec., 1865, he married Hannah J., daughter of Dr. R. Laird, of Squan village, Monmouth co., N. J.

NASH, HERBERT M., son of Thomas Nash and Lydia Adela (Herbert) Nash, of English ancestry, who settled in Norfolk co. (St. Bride's parish) before the revolution, was born in Norfolk, May 31st, 1831. He graduated M. D. from the univ. of Va. in 1852, and settled in practice in Norfolk in 1853. He is a member of the Norfolk city med. soc., was its fifth president in 1874, 1875; and of the Va. State med. soc. He was president of the board of health of the city of Norfolk in 1875, 1876, resigning upon accepting the position of medical officer of the quarantine district, comprising Norfolk, Portsmouth, etc., which he now holds. During the civil war he was in the medical service of the State of Va., and of the Confederate States, attached to the 9th reg. of Va. infantry, Armstead's brigade; the 61st reg. Va. infantry, Mahone's brigade, and the artillery service as surg. of Poague's battalion, and later, as chief of the med. dep't of the artillery, 3d army corps, to the close of

the war, and serving with the army of northern Va., in all its active movements from 1862 to the surrender at Appomattox Courthouse. In Feb., 1867, he married Mary A., daughter of Nicholas W. Parker, Esq., of Norfolk.

BERKEBILE, JOHN KYLE, Fairmont, West Va., of German ancestry, was born in Somerset co., Pa. He was educated in the high school of Somerset co., and studied medicine at Jefferson med. coll., 1850 and 1851, and at Bellevue hosp. coll., graduating M. D. in March, 1864. He settled first at Cumberland Coal-Field, near Frostburg, and Cumberland, Allegany co., Md. In 1865 he removed to Fairmont, West Va., and in 1875 he established himself at Centreville, St. Clair co., Ill. His practice is general; but he makes a specialty of surgery and diseases of the eye and ear. He is a member of the Am. med. asso., and was a member of the med. soc. of West Va. from 1867 to 1875. His only contribution to medical literature was a paper on "Recent Surgical Appliances," published in the Transactions of the West Va. med. soc. for 1870, of which society he was one of the board of censors for several years. He has held the position of lecturer on physiology and hygiene in the State normal school at Fairmont, West Va.

NIMS, DWIGHT BOYDEN, Jackson City, Mich., son of James Nims and Lucy (Boyden) Nims, of English ancestry, who settled in this country at an early period in colonial history, was born in Conway, Franklin co., Mass., Sept. 12th, 1808. His medical education was obtained at the coll. of phys. and surg., western district, Fairfield, Herkimer co., N. Y., and at Berkshire med. institute, Pittsfield, Mass., graduating at the latter M. D. in June, 1833. He located himself first in Onondaga co., N. Y., and in 1864 in Jackson, Jackson co., Mich. His practice is general. He is a member of the Onondaga co., N. Y., med. soc.; of the Calhoun co., and Jackson co., Mich., med. socs., was president of the last named in 1873; of the Michigan State med. soc., and of the Am. med. asso. He held the position of postmaster during the administration of Pierce and Buchanan. In Sept., 1844, he married Anna A., daughter of Mr. White, of New York.

WRIGHT, JOEL WILLISTON, New York city, was born in Sullivan, Cheshire co., N. H., July 30th, 1840. He studied medicine with Drs. T. S. Wright and H. M. Lilly, of Fond-du-Lac, Wis., and with Dr. Edward H. Parker, of Poughkeepsie, N. Y. During his pupilage he served one year as ass't superintendent at the State lunatic asylum at Auburn, N. Y. He attended lectures at the Geneva med. coll., and the coll. of phys. and surg., New York, graduating M. D. at the latter institution in March, 1866. He settled in practice in Poughkeepsie, but removed in 1867 to New York. He has held the position of surg. to the Northern dispensary; demons. of anat. in the woman's coll. of the New York infirmary; lecturer on surgical dressings and minor surgery in the same institution; and on the same subject in the med. dep't of the univ. of the city of New York. In July, 1876, was appointed lecturer on obstetrics and diseases of women and children in the last-named school, and in Jan., 1877, was made full professor of this branch. He is a member of the New York co. med. soc.; of the pathological soc.; of the obstetrical soc.; of the New York physicians' mutual aid asso. In Oct., 1868, he married Sarah H., daughter of Levi L. Lockwood, Esq., of Brooklyn, N. Y.

FITCH, SIMON WALBROOKE, New York, was born at Horton, Nova Scotia, Jan. 2d, 1820. He is a son of Simon Fitch, of Walbrooke, Kings co., N. S., and a descendant of the Fiytches of Abington, Essex co., England. He received his general education at Horton acad., N. S., and his professional education at the univ. of Edinburgh, and at London and Paris, graduating from the univ. of Edinburgh, Aug. 2d, 1841, and settling the same year in St. Johns, N. B., whence in 1855 he removed to Portland, Me., and thence in 1874 to New York city. In 1871 he introduced an improvement in the double tubular trocar, by removing the protecting canula from the outside to the inside of the puncturing tube; in 1875 invented the "Dome Trocar," with application to ovariotomy, aspiration, and transfusion; and the same year devised a coupling for instantaneous attachment and detachment of the aspirator needle. In 1840 and 1841 he was resident surg. of the Edinburgh maternity hosp.; and in 1851 and 1852 surg. to the St. Johns (N. B.) hosp. He is a member of the British med. asso.; the obstetrical soc., London; the Parisian med. soc.; the council of the univ. of Edinburgh; the Am. med. asso.; the New York co. med. soc.; the New York medico-legal soc.; the New York Med. Journal asso.; and the Maine med. asso. He has published a work entitled "Peculiarities of the Operations of Three Great Ovariotomists, Wells, Atlee, Keith," Phila-

delphia, 1873; contributed to the *Maine Medical and Surgical Reporter*, Aug., 1858, an article on "Lithotomy," to the *Boston Medical and Surgical Journal*, Nov. 20th, 1862; an article on "Excision of a Large Uterine Fibrous Tumor," to the *New York Medical Journal*, April, 1875; an article on the "Dome Trocar," etc.; and read before the Me. med. asso. a paper entitled "Observations upon Medical and Surgical Practice in Great Britain," published in the Transactions of the soc., 1872; and before the International medical congress in 1876 one on "Paracentesis, Aspiration, and Transfusion," which was ordered to be published. In 1864 he was surg. to the 5th corps military hosp. at Fredericksburg, Va.; and in 1867, 1868 and 1869, surg. to the troops at Fort Preble, Maine. He is married to Margaret Ross, daughter of Dr. Thomas Paddock, of St. Johns, N. B.

BARBER, ALVIN E., Bethel co., Conn., was born in Litchfield, Conn., April 7th, 1831. He studied medicine at the coll. of phys. and surg., New York, and at Berkshire med. coll., Pittsfield, Mass., graduating at the latter, Nov., 1854. He settled first at Northport, Long Island, then at Wolcottville, Conn., and finally at Bethel. He is a member of the Fairfield co. med. soc. In 1854 he married Julia A., daughter of Allen Biryl, Esq., of Harwinton, Conn.

BRADY, JOHN ALEXANDER, Brooklyn, N. Y., was born in New York city, Jan. 11th, 1832, of American parents. He pursued his medical education in the Vt. State med. coll., and graduated M. D. from that institution in June, 1852; was an interne in Kings co. hosp. for one year, then settled in Brooklyn, N. Y., in general practice. He is a member of the Am. med. asso., and of the Kings co. and State med. socs., and of the soc. of statistical medicine, N. Y., etc. He is consulting phys. to Kings co. hosp. In 1859 he married Olive W., daughter of Benjamin S. K. Richardson, Esq., of Brooklyn, N. Y.

BELL, AURELIUS EATY, Zanesville, O., son of Dr. Edward Southwood Bell (deceased), late of Zanesville, O., was born at Middleway, Jefferson co., Va., Nov. 14th, 1824. He pursued his medical studies at the Jefferson med. coll., graduating M. D. in the spring of 1849, and settling immediately after in Zanesville, in general practice. He is a member of the Ohio State med. soc., and of the Zanesville acad. of medicine, was its president during 1875. His contributions to medical literature are confined to his local society. For some time during the war he held the position of post-surg. to Camp Goddard, near Zanesville. On June 3d, 1852, he married Sarah M., daughter of the late Robert McConnell, Esq., of McConnellsville, O. His only son, Edward Southwood Bell, is now a student of medicine in the Jefferson med. coll.

BROWNSON, WILLIAM GREEN, New Canaan, Fairfield co., Conn., son of Simeon Brownson, of Fenner, N. Y., was born at Fenner, Madison co., N. Y., Aug. 6th, 1830. He was educated at the New York Central coll., McGrawville, N. Y., and at the N. Y. State normal school, from which he graduated in 1853. He studied medicine at the New York med. univ., and received his degree of M. D. in 1865. He settled in New Canaan in 1865 in general practice. He is a member of the Fairfield co. med. soc., president in 1876, and received the hon. degree of A. M. from Hamilton coll., Clinton, N. Y., in 1864. He was acting ass't surg. at Davids island for a few months in 1865, and for four years was acting school visitor of New Canaan. In Sept., 1854, he married Caroline Louisa, daughter of Samuel S. Barstow, Esq., of Brooklyn, Mich.

GREEN, WILLIAM, Trenton, N. J., was born in Nottingham, England, Jan. 30th, 1839. He studied medicine at the univ. of Pa., graduated in March, 1860, and settled in Trenton. He is a member of the Mercer co. med. soc., and of the Trenton med. asso., and is president of the latter; also city phys. of Trenton. In Aug., 1859, he married Mary Ann, daughter of William Little, Esq., of Trenton, N. J.

BILLINGS, ADONIRAM JUDSON, Freedom, Me., was born in Newport, Me., Dec. 3d, 1826. He was educated at Waterville, Me., and at Colby univ., studied medicine at the Albany med. coll., from which he graduated M. D. in 1854, settling immediately after in Freedom in general practice. He is a member of the Waldo co. med. soc., was its president in 1876; and of the Maine med. asso.; elected a member of the board of censors in 1876. In 1873 he was appointed prison and jail inspector for the State of Maine; was a member of the house of representatives in 1862, and again in 1868, and of the State senate in 1866 and 1867. In 1862 he was appointed surg. of the 19th reg. Me. vols., and in 1864 surg. of the board of enrolment of the 5th congressional district of Maine. In 1853 he married.

HARLON, JOHN MARTIN, Woburn, Mass., was born at Whitehall, N. Y., Nov. 25th, 1819. Receiving his preparatory education at the Methodist collegiate institute, West Poultney, Vt., and his professional education at Jefferson med. coll., he graduated from the latter in 1844, and in the same year established himself in practice in Cavendish, Vt. Here he remained for seventeen years, removing to Woburn in Oct., 1861. Among his most remarkable cases may be instanced "A Recovery after the Passage of an Iron Bar through the Head," Cavendish, Sept. 13th, 1848. He is a member of the Vt. med. soc.; Mass. med. soc., of which he has been one of the councillors for several years; and the Middlesex east district med. soc., of which for three years he has served as president. He is also president, and a member of the board of direction of the Woburn Gas-light company; and a director of the First national bank of Woburn. He married Charlotte, daughter of Ebenezer Davis, Esq., of Acton, Mass.

BESSE, HENRY, Delaware, O., of native parents and English ancestry, was born in Limy, Licking co., O., May 12th, 1823. He studied medicine at Cleveland med. coll., and graduated in 1862, settling first in Porter, Delaware co., O., and afterwards removing to Delaware. He is a member of the Ohio State med. soc. He is the author of a work entitled "Diploteratology, or a History of some of the most wonderful Human Beings that have ever Lived in Double Form." During the war he held the position of surg. of the 45th Ohio vol. infantry, and surg. of the 145th Ohio N. G. I., and examining surg. for pensions since the close of the war.

HINES, PETER EVANS, Raleigh, N. C., of English and Irish parentage, was born in Warren co., N. C., July 28th, 1828. He was educated at Raleigh acad., and at the univ. of N. C., whence he graduated A. B. and A. M., and studied medicine at the univ. of Pa., graduating M. D. in April, 1852. He was resident phys. at St. Joseph's hosp. during a part of 1852 and 1853, and spent a portion of the last year and 1854 in Paris. He settled in Raleigh in 1854. He is a member of the med. soc. of the State of N. C., was its president in 1875; and of the Raleigh acad. of med., was its secretary in 1874, president in 1875, and treasurer in 1877. In May, 1861, he was appointed surg. of N. C. troops; connected with the 1st reg. N. C. vols.; surg.-in-charge of N. C. hosp., Petersburg, Va., 1861–62; med. director of the department same year; senior surgeon of all the hospitals in Petersburg to Sept., 1863; and med. director of general hospitals, N. C., to May, 1865. He is med. examiner for several life insurance companies.

ADAMS, ENOCH, Litchfield, Me., was born at Andover, Me., May 21st, 1829. He was educated at the Me. Wesleyan seminary, and studied medicine at Boudoin med. school and Harvard med. school, graduating M. D. from the latter in 1851, and settling at Litchfield. He is a member of the med. asso. of the State of Maine, and of the Kennebec co. med. asso.; was president of the latter in 1875. He is the author of a report of a case of "Extra-Uterine Conception," published in the Reports of Me. med. asso. for 1865–66. From Nov., 1861, to May, 1864, he held the position of surg. of the 14th reg. Maine vols. In July, 1851, he married Mary H., daughter of William Case, Esq., of Lubec, Me.

JUDSON, OLIVER ALBERT, Philadelphia, son of Rev. Albert Judson, of Philadelphia, and of Mary (Burnham) Judson, daughter of Hon. Oliver Burnham, formerly a judge of the Litchfield co. court of Conn., and both descendants of colonial leaders in the earliest days of New England, was born in Cornwall, Conn., Sept. 28th, 1830. He was fitted for a collegiate course by a private tutor, but ill health prevented his entering college. He studied medicine in the office of Prof. Thomas D. Mütter, of Philadelphia, and attended lectures at the Jefferson med. coll., where he assisted Dr. Mütter at his clinical lectures, and graduated M. D. from that institution in 1851. He settled in Philadelphia, and for some years was engaged as examiner in instructing the students of Jefferson coll. He is a fellow of the coll. of phys., Philadelphia. He has held the positions of visiting phys. to the Philadelphia hosp., Blockley; phys. to the Philadelphia dispensary, and the dep't of diseases of the skin at Howard hosp., Philadelphia. He was commissioned brigade surg. of U. S. vols. by President Lincoln in 1861, and served in the army of the Potomac as staff surg. to Gens. Naglee, Hooker, Grover, Peck, Casey, and Emory. After the seven days' battles before Richmond, he was transferred to the charge of the Carver U. S. hosp. at Washington, D. C., where he remained till the close of the war in 1865, and where, during his superintendency, he admitted for treatment twenty-three thousand sick and wounded soldiers. He resigned from the army in 1865, having been brevetted respectively lieutenant-colonel and colonel. He is also a large contributor to the "Medical and Surgical History of the Rebel-

lion." In 1866 he married Elizabeth, daughter of William M. Boyce, Esq., of Georgetown, D. C., late of the U. S. army and coast survey.

DARE, CHARLES HERBERT, Shiloh, N. J., son of Franklin Dare and Caroline (Hancock) Dare, was born in Bridgeton, N. J., Nov. 22d, 1847. He studied medicine at the univ. of Pa., whence he graduated M. D. in March, 1870, settling first at Bridgeton, N. J., and removing to Shiloh in 1873. He was elected a member of the Cumberland co. med. soc. in 1870; was county phys. in 1871 and 1872; and is surg. of the 4th battalion N. J. S. N. G. In March, 1870, he married Anna M., daughter of Daniel B. and Hannah P. Thompson, of Bridgeton, N. J.

HORN, GEORGE H., Philadelphia, was born in Philadelphia, April 7th, 1840. He graduated from the med. dep't of the univ. of Pa. M. D. in 1861, settling immediately after in Philadelphia. His specialty is the coleoptera of North America. He was elected corresponding secretary of the acad. of nat. sciences in Dec., 1876; is vice-president of the Am. entomolog. soc.; member of the council of the Am. philosophical soc.; of the zoölog. soc. of Philadelphia; of the entomolog. soc. of Russia; of the acad. of nat. sciences of San Francisco; of the entomolog. soc. of Canada; corresponding member of the Buffalo soc. of nat. history; and of the Davenport, Iowa, acad. of sciences. He held the position of surg. of the 1st and 2d regts. California infantry from 1864 to 1866.

LOCHNER, JOHN, Jersey City, N. J., of German parents, was born in Albany, N. Y., Aug. 3d, 1840. He was educated at the Albany med. coll., and at the univ. of the city of New York, graduated at the latter M. D. in 1871, and settled in Jersey City. He is city phys. of Jersey City, appointed in 1871; is member of the New York medico-legal soc.; of the Hudson co. district med. soc.; and of the Hudson co. patholog. soc.; was treasurer of the latter in 1875.

OWENS, JOHN ALEXANDER, Monticello, Ark., of Scotch ancestry, was born in Yorkville, S. C., June 8th, 1829. He was educated in private schools in West Pennsylvania, and studied medicine in the med. dep't of the univ. of La., graduating therein M. D. in 1853; he located in Monticello. He is a member of the Drew co. med. soc.; of the Ark. State med. asso.; and of the Am. med. asso.; president of the county soc. for many years; and president of the board of health of Monticello. In 1854 he performed successfully the operation of resection of the clavicle for osteo-sarcoma, the patient living many years without any return of the disease, and with good use of the arm of the affected side. He reported this operation in the *New Orleans Medical and Surgical Journal*, Sept., 1854. He served during the civil war as captain of artillery in the Confederate States army, commanding Owens' battery, principally in Tennessee, Mississippi, and Alabama. He married Margaret Carroll in 1852; she died in 1856. In 1858 he married Catharine, daughter of S. Gastor, Esq., of Drew co., Ark.

PINNEY, CHARLES HITCHCOCK, Derby, Conn., son of Ebenezer Pinney and Mary Ann (Lee) Pinney, was born April 25th, 1831. He was educated at the acad. of East Hartford, and studied medicine at the coll. of phys. and surg., New York, graduating in 1853, and settling in Derby in general practice, but giving his attention specially to obstetrics, in which branch he has in the course of his professional career attended three thousand cases. He is a member of the New Haven county and the State med. soc. of Conn., and of the Am. med. asso. In 1854 he married Maria, daughter of Royal J. Watson, Esq., of New Hartford.

HALL, JAMES C., Washington, D. C., son of William J. Hall, of Alexandria, was born in Alexandria, Jan. 10th, 1805. He was educated at Carnahan's school, Georgetown, D. C., and at Jefferson coll., Pa., where he graduated A. B. in 1823. He studied medicine at the univ. of Pa., graduating M. D. in 1827, and settled in Washington the year after. He is a member of the med. soc. of Washington; of the med. asso. of Washington; and of the Am. med. asso. He is president of the Corcoran art gallery; trustee of the Protestant orphan asylum; one of the managers of the Children's hosp.; and director of the Franklin insurance company.

JEROME, JAMES H., Saginaw City, Mich., son of Horace Jerome and Nancy (Reed) Jerome, the former originally of old Stockbridge, Mass., and late of Detroit, Mich., was born at Cochecton, Wayne co., Pa., Sept. 28th, 1812. He was educated at a district school, and at Ovid acad., N. Y.; learned the business of hat-making, which he practised in various parts of the country, and finally at Hector, Schuyler co., N. Y., where he made the acquaintance of Dr. Moses Tompkins, who recommended to him the study of medicine. In 1835 he began the

study of medicine and surgery in the office of Dr. Tompkins, and attended lectures at Geneva med. coll., of which Dr. Willard Parker was the professor of anatomy and physiology, and whom he followed to Pittsfield, Mass., continuing his studies under him, and for whom he acted as pro-sector. He returned to Michigan, entered the land office at Detroit as a clerk, under Major John Biddle; but soon returned to Geneva, and completed his studies, received his diploma, and commenced the practice of his profession at Trumansburg, N. Y., March 1st, 1837. In 1865 he settled in Saginaw. During his professional life he has connected himself with various medical societies, among them the Tompkins co. med. soc., N. Y.; the med. asso. of South Central N. Y., of which he was president; the Am. med. asso.; the N. Y. State med. soc.; the Saginaw valley med. soc.; and the State med. soc. of Mich., of which he has been vice-president and president. In 1855 the honorary degree of M. D. was conferred upon him by Hobert free coll.; and in July, the same year, he was elected to the professorship of anat. and physiology in the Geneva med. coll. In 1859 he was appointed by the governor of N. Y. phys. in-chief of the marine hosp. for the port of New York—a position he retained till some time after his term of office would have expired, by refusal of the senate to confirm his successor. He is a strong supporter of the common school system, and while a resident of Trumansburg was instrumental in establishing a union school; and was a member of the board of education there for ten years. At Saginaw he was elected a member of the school board soon after his arrival, and at once moved actively in the successful endeavor to procure a fitting and appropriate common-school building for that frontier city. He has on many occasions attended as delegate from many of the local and State med. socs., to those of higher jurisdiction, and has taken an active and prominent part in the discussion of subjects of national interest connected therewith, besides acting on some of their most important committees. In addition to the above he has been engaged somewhat extensively in the lumber trade, and is the owner of large mill property; also, he has for many years dealt extensively in lands, from which he has derived material profit, and is now among the extensive landholders of the State. Having retired measurably from the active duties of the profession, he has become much interested in agriculture, and is the owner of a fine farm adjacent to the city of his residence. He is a contributor to the secular and agricultural press of the State, and correspondent of the State board of health. He was first married to Lisette, daughter of Dr. Jason Atwater, of Perry, Schuyler co., N. Y.; she died in July, 1863. In April, 1865, he married Calista Allen, a niece of his first wife, of Almont, Mich.

WHITLEY, JOHN L., Osage, Iowa, was born of English parentage, at Busti, N. Y., July 29th, 1848. He graduated at Cedar valley seminary, Iowa, and at Rush med. coll., Feb. 3d, 1869. He settled in Osage, Iowa, June 1st, 1869, with his instructor, Dr. S. B. Chase, with whom he is still in partnership. He is a member of Mitchell co. med. asso., of which he has been president; a member of Upper Cedar valley med. asso.; and is U. S. examining surg. for pensions for Mitchell co., Iowa. He married Ada M., daughter of Dr. S. B. Chase, of Osage, Iowa, March 13th, 1869, and has three sons.

KINCAID, WILLIAM PATTERSON, New Richmond, O., was born in West Union, Adams co., in that State, June 7th, 1820, of Virginia parents. His education was obtained at Ripley coll., Brown co., O., and he pursued his medical studies in the Ohio med. coll., whence he graduated in March, 1850. He settled in Neville, Clermont co., O.; and after being there twenty years removed to New Richmond, and established himself there in general practice. He is a member of the Am. med. asso.; of the Clermont co. med. and the Ohio State med. socs., elected president of the latter in 1863; has contributed to a number of medical journals on a variety of medical subjects. He was appointed by the Ohio State med. soc. one of the board of examiners for candidates for M. D., in the year 1862, and was elected to the chair of surgery in the Cincinnati coll. of phys. in 1867. He was a member of the senate of Ohio from 1858 to 1861.

ANCRUM, JOHN LAWRENCE, Charleston, S. C., son of Col. William Washington Ancrum, and grandson of Gen. William Washington, of the revolution, was born in Charleston, S. C., March 14th, 1838. He was educated at the Charleston high school, graduated A. B. from the Charleston coll. in 1869, and A. M. in 1869, and M. D. from the S. C. med. coll. in March, 1860, and settled in Charleston. He is a member of the S. C. med. soc., and ex-treasurer and member of the board of trustees of Roper hosp., having been elected to the former in 1860, and to the latter in 1871; also a member and one of the vice-presidents of the S. C.

med. asso. He has contributed to the *Charleston Medical Journal* reports of cases of pyonephrosis, laparotomy, double amputation of legs for spontaneous gangrene, etc. He held the office of phys. to Schirra's dispensary, and is now phys. to the poor of the fourth district. During the war he was surgeon on board the "Nashville," Confederate States navy, and also surgeon in Johnston's command; afterward under Breckenridge, in Morgan's brigade, Confederate States army.

HALLER, FRANCIS B., Vandalia, Ill., was born at Lewistown, Mifflin co., Pa., Oct. 13th, 1826. Educated at the Hillsboro', Ill., and Lewistown academies, at the Rush med. coll., Chicago, and at the Missouri univ., he graduated M. D. from the last-named institution in 1851, and in the same year established himself in practice in Vandalia. In 1865 he attended lectures at the Jefferson med. coll., receiving the degree of M. D. from that college upon completing his course. With this interruption he has remained in constant practice at Vandalia. He is a member of the Fayette co. district med. soc., of central Illinois, now president of said soc.; and Ill. State med. soc., having served as vice-president of the last named in 1856 and 1865, and in 1866 as president; also member of the Am. med. asso. As a medical author, his writings have been restricted to contributions to professional societies and never published; his most important paper being on the "History of Medicine and Medical Jurisprudence." During the late war he was county medical examiner, and is at present (1877) pension surgeon. He married, May 22d, 1856, Lucinda R., daughter of Martin Higgins, Esq., of Chandlerville, Cass co., Ill. Their children consist of two daughters.

SUTTON, WILLIAM T., Norfolk, Va., was born, March 5th, 1839, in Elmwood, Bertie co., N. C., of which county his parents, William T. Sutton and Mary Armisked Sutton, were both natives. He graduated at the univ. of North Carolina, in June, 1858, and from the med. dep't of the univ. of Pa., in March, 1860. His first settlement was at Windsor, Bertie co., N. C., whence he entered the med. dep't of the Confederate army. After the war he returned to Windsor, but in 1874 removed to Kittsee Springs, N. C., and in Sept., 1877, settled in Norfolk, Va. In 1862 he was appointed ass't surg. in the Confederate army, and in 1863 became full surg. in charge of the 1st division of the Howard's Grove hosp. Afterwards he had charge of the small-pox hosp., and in 1864 he returned to field service as brigade surg. in Early's division, 2d corps, army of northern Virginia, in which capacity he served to the close of the war. He married in Nov., 1860, A. P. Outlaw, of Windsor, N. C., daughter of the Hon. David Outlaw, for several terms a representative in Congress from North Carolina.

HILLYER, EBEN, Rome, Ga., son of Judge Junius Hillyer, for many terms member of the U. S. Congress from Georgia; solicitor of the United States; treasurer during Buchanan's administration; judge of the Superior Court of Georgia; whose ancestors on both sides served with distinction in the war of independence; and of Jane J. (Watkins) Hillyer, of Virginian ancestry, was born at Athens, Ga., Aug. 12th, 1832. He was educated at Athens, and studied medicine under Prof. Thomas D. Mütter, of Philadelphia, and in the Jefferson med. coll., and graduated M. D. from that institution in March, 1854, settling first in Atlanta, but removing to Rome in 1857, in general practice, but giving special attention to diseases of the eye. He is a member of the med. asso. of Georgia, and was its secretary and treasurer in 1856. He was elected prof. of the institutes of medicine in the Atlanta med. coll. in 1865. During the war he served in the Confederate States army as surg. with Cleburn's division, 8th and 32d Mississippi reg., at Resaca, Lost Mountain, Atlanta, Jonesboro', Franklin, Nashville, Selma, etc., etc.; and was president of the army med. board with Hood in Tennessee. In 1857 he married Georgia E., daughter of Hollis Cooley, Esq., of Rome, Ga., and is now president of Rome railroad company.

WEST, ROBERT MARION, Clarendon, Ark., was born at Cross Plains, Henderson co., Tenn., July 6th, 1834. His literary education was obtained in Gibson co., Tenn., and he studied medicine in the univ. of Louisville, under Dr. D. W. Yandell, and graduated in March, 1860. He settled first at South Gibson, and then at Milan, Tenn., till 1870; he next removed to Como, Panola co., Miss., and finally to Clarendon. His practice is general, but specially devoted to female diseases and the treatment of indolent ulcers. His principal treatment in the latter is a continued bandage with cold water constantly applied, combined with alterative tonics. He has performed pedalic version five times, saving the mother in every case, and the child in three, and affirms that sulphate of quinine is an exciter of uterine contractions far more than any preparation of

ergot. He is a member of the med. soc. of the State of Ark.; secretary of the Monroe co. soc. in 1875. During the civil war he entered the service as a private soldier in the 10th Tennessee cavalry, Confederate States army. Was afterwards surg. 15th reg., Confederate States army cavalry; then member of examining board of Western Tennessee, and served as such till the close of the war.

ABBOTT, FRANK W., Buffalo, N. Y., son of Rev. E. L. Abbott, missionary to Burmah, was born at Sandoway Aracan, Burmah, Dec. 24th, 1841. He was educated at Falley seminary, Fulton, N. Y., at the univ. of Rochester, Rochester, N. Y., and studied medicine in the med. dep't of the univ. of Buffalo, graduating in 1866, and settling in Buffalo. His specialty is diseases of the eye and ear. He is a member of the Am. otological soc.; of the med. soc. of the county of Erie; and of the Buffalo city med. asso. He is the translator of Helmholtz' "Recent Progress in Theory of Vision," *Buffalo Medical Journal*, 1872; besides a few minor articles for the same journal. In June, 1869, he married Julia H. Baker, of Buffalo.

LEONARD, BENJAMIN B., West Liberty, Logan co., O., was born at Urbana, O., June 8th, 1825. He was educated at the med. coll. of Ohio, and graduated M. D., March, 1853. He settled at West Liberty in general practice; but made lithotomy his specialty, having performed ten successful operations in that department of his profession. He is a member of the Ohio State med. soc. since 1854, and of the Am. med. asso., 1855. He is besides a member of the Logan co. med. soc., and honorary member of the Ind. State med. soc. He has been a frequent contributor to medical journals, principally of cases relating to his specialty—among his articles one being the "Successful Removal of a Wheat-head from the Bladder," *Lancet and Observer*, July, 1872. During the war he held the position of surg. of the Ohio 84th reg. vols., from their muster till their discharge from the service.

KELLY, HUGH, Statesville, N. C., of Scotch-Irish parentage, was born in Moore co., N. C., July 15th, 1815. He studied medicine in the univ. of New York in 1844–45, and received his degree of M. D. from that institution. He settled first in Randolph co., then in Rowan co., N. C., and finally in Statesville. He was elected a member of the N. C. med. soc. in 1854, was its president in 1870. He has contributed various articles on medical subjects to the *North Carolina Medical Journal, and Southern Medical Record.* In Nov., 1840, he married Amilia, daughter of John Borringer, Esq., of Cabaras co., N. C.

MATHEWSON, RUFUS WELLINGTON, Durham, Conn., son of Rufus Mathewson, was born in Coventry, R. I., March 24th, 1814. He graduated in medicine from the coll. of phys. and surg., N. J., in 1835, and located himself successively in Norwich, Gales' Ferry, and finally in Durham, Conn. He is a member of the Conn. med. soc., and formerly of the New London co. med. soc., of which he was clerk. He has contributed an article on "Scarlet Fever by Wet-Sheet Pack," in 1864, and "Sketches of the Original Members of the Middlesex Medical Society," etc., etc., Proceedings of State med. soc., 1877. In 1849 he married Susan E., daughter of Daniel Williams, Esq., of Gale's Ferry.

DRAUGHON, JOHN ARCH, Nashville, Tenn., was born in Robertson co., Tenn., Feb. 1st, 1853. He received his literary education at the univ. of Nashville, Tenn., pursued his medical studies at Bellevue hosp. med. coll., New York, and graduated M. D. in 1874. He has practised medicine in Nashville since his graduation, specially devoting himself to orthopœdic surgery. He is a member of the Tenn. State med. soc.; of the Nashville med. soc.; and of the Nashville board of health, is secretary of the latter; also of the Am. asso. for the advancement of science; and of the coll. of phys. and surg. of Nashville, Tenn., being secretary of the same. His contributions to professional literature consist, among others, of a paper on "Hip-Joint Disease," read before the Nashville med. soc., and "Report of Cases of Morbus Coxarius," *Virginia Medical Monthly*, Aug., 1875. On April 18th, 1876, he married Nettie, daughter of Samuel Prichitt, Esq., of Nashville, Tenn.

DAVIS, GUSTAVUS PIERREPONT, Hartford, Conn., was born at Litchfield, Conn., Jan. 16th, 1845. His literary and classical education was obtained at Yale coll., and his medical studies were pursued at the coll. of phys. and surg., New York, graduating at the former A. B. in 1866, and at the latter M. D. in 1869. He was resident phys. at the Charity hosp., New York, till 1870, and afterwards settled in Hartford in active practice. He is a member of the Conn. State med. soc.; of the Hartford city, of the Hartford co., med. socs.; and of the Hartford Journal and Library soc. He is the author

of several reports of cases to the *New York Medical Record*, and other journals. He is med. examiner of the Travellers' insurance company. In 1870 he married Elise, younger daughter of Mr. Edward A. Mitchell, of New Haven, Conn.

LEVY, HENRY H., Richmond, Va., son of J. A. Levy, was born in Richmond, Dec. 27th, 1850. He is a graduate of Richmond coll. and of the med. coll. of Va., having received his degree at the latter in March, 1871. From Oct. 1st, 1871, till Jan. 1st, 1873, he was a resident phys. of Blockley hosp., Philadelphia. He settled in Richmond in the latter year. He is a member of the Richmond acad. of med., and of the med. soc. of Va. He holds the position of adjunct prof. of surgery in the med. coll. of Va.

HOPKINS, ELISHA, Searsport, Me., son of Elisha Hopkins and Mary (Taylor) Hopkins, and a descendant of Stephen Hopkins, one of the signers of the Declaration of Independence, was born in Hampden, Me., Sept. 14th, 1829. He was educated at Hampden acad., and studied medicine at Harvard med. coll., graduating M. D. from that institution in 1854, and settling first at Hampden and afterwards at Searsport. He is a member of the Me. med. asso., and for three years during the war he was ass't surg. and surg. of the 14th reg. vet. vols. of Me. He has been twice married, his first wife being Orianna J. Fowler, of Searsport; she died in 1866. In 1869 he married Cynthia W., daughter of Samuel G. Adams, Esq., of Camden, Me.

DEUELL, EDWARD VALANCOURT, Little Rock, Ark., was born at Saratoga, N. Y., March 13th, 1839. He was educated at Union coll., Schenectady, and studied medicine at the old univ. of Louisville, Ky., graduating M. D. in 1864, settling in Little Rock the same year. He is a member of the Am. med. asso.; of the State med. soc. of Ark.; and of the coll. of phys. and surg. of Little Rock, of which he was vice-president in 1876; and was charter member of the first local and State med. assos. organized in Arkansas, and was secretary of both for several years. He has held the position of surgeon-in-charge of the general U. S. hosp. dep't of Ark. from 1865 to 1867; surgeon-in-chief of the district of Ark., in bureau R. and F.; also surgeon-in-charge of Little Rock and Pulaski co. hosp. for two years, etc. Among his contributions to medical literature is a "Report of the Cholera Epidemic at Little Rock in 1866," in which is detailed his "Treatment of Cholera by Strychnia, in Tenth-Grain Doses," etc., etc. In 1871 he married Mary, granddaughter of Dr. Mathew Cunningham, and daughter of Chester Cunningham, Esq., of Little Rock.

JENKINS, GEORGE F., Keokuk, Iowa, of Welsh and Swedish descent, whose ancestors on both sides were among the early settlers in Pennsylvania, was born in Clark co., Mo., July 15th, 1842. He was educated at Alexandria, Mo., and studied medicine in the Toland med. coll., San Francisco, and at the Mo. med. coll., from which latter he graduated in 1867. He settled first at Sandusky, finally at Keokuk, Jan., 1871. He is a member of the Am. med. asso.; of the Iowa State med. asso.; and of the Keokuk med. soc. He is the author of a "Report of a Case of Rattle-Snake Bite, Cured by Hypodermic Injections of Aqua Ammonia," *Medical and Surgical Reporter*, May, 1870; "Rupture of Uterus," *ibid.*, March, 1877, etc., etc. In Dec., 1870, he married Lotta E. Van Wagenen, of Fulton, N. Y.

MUNSON, FRANKLIN A., Albany, N. Y., was born at Waterford, N. Y., June 3d, 1851. His scientific education was received at Phillips' acad., Andover, Mass., and his medical studies were pursued at the coll. of phys. and surg., New York city, graduating M. D. in Feb., 1873. He was connected with the New York ophthalmic and aural institute for nearly two years, first as clinical assistant, and subsequently as the resident surg. He spent four years after graduating in the special studies of the eye and ear, one of which years was in the universities of Europe, principally in Vienna and Strasburg. He settled in Albany in 1876. He is a member of the Albany co. med. soc.; hon. member of the Tri-Union med. soc. of the counties of Saratoga, Warren, and Washington; member of the Albany institute, etc. He is the author of "The Errors of Refraction, Demonstrated by a New and Original Model," *New York Medical Journal*, May, 1877, and was lecturer in the spring course (1877) of the Albany med. coll. on ophthalmic surgery.

SILVERS, ELIHU BRITTIN, Rahway, N. J., of mixed American and Welsh descent, was born in Rahway, Nov. 7th, 1829. He graduated M. D. at the coll. of phys. and surg., New York, in March, 1874, and settled in Rahway in general practice. He is a charter member of the Union co. med. soc., and was its vice-president in 1875. He is the author of an article on "Diphtheria,"

published in N. J. State med. Transactions for 1877. He has held the post of city phys. for the past three years, and was a member of the board of education; also superintendent for three years of public schools, and of the board of finance of Rahway. On March 31st, 1853, he married Nancy M., daughter of Purdon Earl, Esq., of Pierrepont Manor, Jefferson co., N. Y.

PECK, EDWARD SPRAGUE, Burlington, Vt., was born in Burlington, Oct. 24th, 1845. He was educated at the Burlington Union high school, and the univ. of Vt., graduating A. B., 1864, and receiving the degree of A. M. in 1867 in course. He studied medicine in the med. dep't of the univ. of Vt., and graduated M. D. in 1868, and after being one year ass't phys. to Kings co. hosp., Long Island, and to Kings co. lunatic asylum for a year, settled in Burlington in 1870, chiefly in the practice of surgery. He is a member of the Burlington med. and surgical club, was its secretary for three years; of the Chittenden co. med. soc.; Vt. State med. soc., elected vice-president in 1872, and secretary, 1873 and 1874. He is the author of "The Higher Medical Education," before the Vt. State med. soc.; "Resection of Knee-Joint," etc., *ibid.* In 1875 he was elected adjunct prof. of diseases of eye and ear, univ. of Vt., and prof. of the same dep't in the same institution, 1877. He has held the position of secretary of pension board of surg. for Vt., and has been surg. 1st reg. N. G. of that State. He passed from June, 1875, to Dec., 1877, in the study of the eye and ear in Berlin and Erlangen, Germany; Zurich, Switzerland; Vienna, Paris and London; during which time he was correspondent for the *Boston Medical and Surgical Journal*, and *New York Medical Record.*

DAVIS, CHARLES HENRY STANLEY, Meriden, Conn., son of Dr. T. F. Davis, and Morena (Hatch) Davis, was born in Goshen, Conn., March 2d, 1840. His literary education was obtained from a private tutor and his medical studies were pursued at the med. school of the New York univ., whence he graduated in 1865. He remained in the hosps. of New York and Boston for two years, and then settled in Meriden. He has travelled extensively in Europe, and studied hospital practice in London and Paris. He is a member of the New Haven co. med. soc.; of the city med. asso.; of the Conn. med. soc.; of the société d' anthropologie of Paris; of the Northeastern historico-genealogical soc., and of the historical socs. of Connecticut, Wisconsin, Minnesota, Pennsylvania, Chicago, Buffalo, etc. He has contributed to various medical and scientific periodicals in this country and Europe; is editor of the 1st vol. of *Boston Medical Register*, and author of the "History of Wallingford and Meriden," etc. He has been member of the school board of Meriden eight years, acting superintendent of schools three years, and member of the Conn. State legislature in 1874. He is one of the founders of the Am. philological soc., 1864, was its first corres. secretary, and has been its vice-president. In Nov., 1870, he married Carrie E., daughter of George W. Harris, Esq.

MCKINNON, JOHN ALEXANDER, Selma, Ala., of Scotch parentage, was born in Pike co., Ala., July 12th, 1842. He graduated at the med. dep't of the univ. of La. in 1866, and at the Bellevue hosp. med. coll., New York, in 1874 and 1875, and settled in Selma in general practice, but giving a specialty to surgery, in which he has successfully performed double amputation of the middle third of thigh, and abdominal section for a fibroid tumor, cured without peritonitis. He is a member of the State med. asso. of Ala., of which body he is a counsellor; of the Selma med. soc., and was a delegate to the International medical congress held in Philadelphia in 1876. During the war he had charge of the medical laboratory of the Confederate States army, Macon, Ga. He holds the position of member of the board of health of Selma.

MARSHALL, ORVILLE, Lansing, Mich., of English ancestry, was born at Ann Arbor, Mich., March 2d, 1838. He graduated in medicine from the med. dep't of the univ. of Mich., in March, 1865. He located first at Chelsea, Mich., and finally at Lansing, Mich., in 1866. He is a member of the State med. soc. of Mich. He is the author of a report on "Scarlet Fever," published in the proceedings of Mich. State board of health, 1876. He has also held positions in the city board of education. In Dec., 1870, he married Sarah E., daughter of Thomas Metlin, Esq., of Lansing, Mich.

BRONSON, ELIAS SCHRYVER, of French Creek, West Va., son of Rev. Asahel Bronson, D. D. (and grandson of Matthew Bronson, an officer in the revolutionary war), and of Mary Tompkins. His father was born at New Milford, Conn., and his mother near Poughkeepsie, N. Y. He was born at Yorktown, Westchester co., N. Y., Oct. 22d, 1825. His classical and literary education was obtained at academies and at

Princeton, N. J. He studied medicine at Berkshire med. institute, Pittsfield, Mass., graduating M. D., Nov., 1859. He settled first at Fly Creek, Otsego co., N. Y., then at Ticonderoga, and after the war at Buckhannon, West Va., and finally established himself at French Creek in 1867. His practice has been very general in medicine and surgery. He is a member of the Berkshire med. coll. alumni; of the West Va. med. soc., was elected vice-president in 1870, and has been on some of its principal committees. He is the author of a report on "Climatology and Epidemics of Upshur County, West Virginia," and "The Moral Relations of Medical Science." He has unpublished outline notes of his important cases. He was accepted for service at the surg.-general's office, Washington, D. C., in Sept., 1863, reported for duty to John Moore, medical director of Grant's army at Vicksburg, Miss., and was placed in charge of regiment garrisoning that place. Allowed to return home on account of illness. Returned to service at post hosp., Yorktown, Va., in Feb., 1864, was transferred to take charge of general hosp. at Point Lookout, Md., and closed said hosp. in July, 1865. He was married in Aug., 1873, to Mrs. Nancy Smallridge, daughter of Rev. John Smith, of Upshur co., West Va.

ISZARD, WILLIAM HOWARD, Camden, N. J., of German ancestry, was born at Clayton, Gloucester co., N. J., April 27th, 1842. He was educated at the Hudson river institute at Claverack, N. Y., and studied medicine at the Jefferson med. coll., graduating in March, 1870, and settling at Elmer, but subsequently removing to Camden. He is a member of the Gloucester co. med. soc., is now its president. He was a member of the legislature of N. J. in 1873 and 1874, and was a member of the school board of Elmer for many years. In April, 1865, he married Harriet I., daughter of Thomas Irelan, Esq., of Atlantic co., N. J.

SPEAR, DAVID DANA, Freeport, Me., was born, May 26th, 1839, in North Yarmouth, Cumberland co., Me. His father, William Spear, was a farmer. He was educated at North Yarmouth acad., and at Waterville coll., and after taking a course in theology at the Methodist general biblical institute in Concord, N. H., entered the Bowdoin (Me.) med. school, completing his medical studies at the Berkshire (Mass.) med. coll., from which he graduated Oct. 1st., 1867. His place of first settlement was Kennebunk, York co., Me., where he remained till 1873, in April of which year he removed to Freeport, his present residence. He is a corres. member of the gynæcolog. soc. of Boston, Mass., and member of the Me. med. asso.; and of the Cumberland co. med. asso. Among his contributions to medical literature is the report of a "Case of Tetanus," published in the *Boston Medical and Surgical Journal* for 1870; a paper on the "Contagiousness of Diphtheria," published in the *New York Medical Record* for 1875; "Notes on the Epidemic of Scarlet Fever in 1876," *ibid.*; and several papers in the *Boston Journal of Gynæcology*. He has held the office of school committee-man for five terms in different towns. He was first married in 1863 to Cornie M. Hayes, of Saccarappa, Me., and again, in 1865, to Julia A. Hatch, of Wells, Maine.

EBERLE, JOSEPH GILBERT, Fort Smith, Ark., was born at that place, Dec. 31st, 1853. He graduated Bachelor of Science at St. John's coll., Little Rock, and M. D. at the Ky. school of medicine, June, 1875, settling at Fort Smith. He is a member of the State med. soc. of Ark.; of the district med. soc. of Northwestern Ark.; Sebastian co. med. soc., and Fort Smith med. soc., of which he is president. He has been (1875) ass't secretary of the State med. soc. Among other contributions to medical literature, which he has written, is a case of "Hemorrhagic Malarial Fever, with Treatment," etc., Proceedings of State med. soc. for 1875 and 1876.

MUNGER, WALTER SEWARD, Watertown, Conn., was born at Madison, Conn., Dec. 31st, 1829. He was educated at Lee's acad., Madison, Conn., and graduated in medicine from Yale med. coll. in 1855. He settled first in Bergen, Genesee co., N. Y., but removed to Watertown after some years' residence in that place. He is a member of the Litchfield co. med. soc.; of the Conn. State soc., and Am. med. asso. He has been a member of the board of education of Watertown for twelve years. In Feb., 1855, he married Lucie Maria, daughter of Zenas Wilcox, Esq., of Madison, Conn.

MCCARRELL, DAVID MCCONAUGHY, Hickory, Pa., was born at Hickory, Washington co., Pa., Nov. 6th, 1833; he was educated at Hickory acad., and studied medicine with Dr. James McCarrell, Florence, Pa.; attended lectures at Jefferson med. coll., Philadelphia, during the years 1856–57; he settled first at Cross Creek Village, Pa.; he went to Frankfort Springs, Pa., and finally to Hickory. He is a member of

Washington co. med. soc., and is now its president. Was married, Dec., 1861, to Adaline Cassidy, daughter of John Cassidy.

McKENNAN, THOMAS, Washington, Pa., son of Thomas McKean Thompson McKennan and Matilda (Bowman) McKennan, was born in Washington, Washington co., Pa., May 21st, 1825. He was educated at Washington coll., Pa., whence he graduated A. B. in 1842, and A. M. in 1845, and studied medicine in the univ. of Pa., and received his degree of M. D. in March, 1846. During 1846 and 1847 he was resident phys. of Philadelphia hosp. and almshouse. He settled first at Allegheny City, Pa., and in 1850 removed to Washington, Pa. He is a member of the Washington co. med. soc., and of the Pa. State med. soc.; is trustee of the Washington and Jefferson coll., and of the Washington female seminary. He acted as a member of the Pa. emergency corps during the war of the rebellion. In Oct., 1854, he married Margaret M., daughter of Lucius Witham Stockton, of Uniontown, Pa.

CAMPBELL, HENRY FRASER, Augusta, Ga., son of James C. and Mary R. (Eve) Campbell, the former of Irish, the latter of American birth, was born in Savannah, Ga., Feb. 10th, 1824. Having received an academic education, supplemented by a classical course under a private tutor, he entered the med. coll. of Ga., now the med. dep't of the univ. of Ga., and was graduated thence M. D. in March, 1842. In the same year he established himself in Augusta, where, save during the late war and during the winters of 1866–67, 1867–68, he has since remained. He has made specialties of surgery and gynæcology. Of his notable cases may be mentioned: forty-four of lithotomy, forty-two successful; and fifteen of gangrenous inflammation arrested by ligation of the main artery, the first ligation, June 5th, 1862. The sliding-hook forceps, for vesico-vaginal fistula, and the pneumatic repositor, for self-replacement of the uterus, are instruments of his invention. From 1842 to 1854 he was demonstrator and ass't demonstrator of anatomy; from 1854 to 1857 he was prof. of comparative and microscopical anatomy; from 1857 to 1866 he was prof. of anatomy; and from 1868 to the present time prof. of operative surgery and gynæcology in the med. dep't of the univ. of Ga. During this period he was clinical lecturer in Jackson street hosp., the city hosp., and Freedman's hosp. of Augusta. In the winter of 1866–67 was prof. of anatomy, and in winter of 1867–68 prof. of surgery in the New Orleans school of med., and clinical lecturer in Charity hosp.; and in the winter of 1868–69 was prof. of operative surgery in the med. coll. of Ga. He is a member of the Am. med. asso., vice-president in 1858; of the Ga. med. asso., president in 1871; a corresponding member of the acad. of natural sciences of Philadelphia, elected in 1858; a corresponding member of the Imperial acad. of med. of St. Petersburg, Russia, elected in May, 1860; a fellow, and one of the founders, of the Am. gynæcolog. soc. in 1876; a member of the Ga. State board of health, elected in 1875; and is president of the Augusta library and med. soc., elected in 1877. The following may be named as among his more important professional publications: "Abortive Treatment of Gonorrhœa by Nitrate of Silver," *Southern Medical and Surgical Journal*, Jan., 1845; "Abuse of Diuretics," *ibid.*, same date; "Observations on Cutaneous Diseases," *ibid.*, Aug. and Oct., 1845, and Aug., 1847; "Infantile Paroxysmal Convulsions, their Identity with Intermittent Fever, and their Treatment with Quinine," *ibid.*, Oct., 1849; "Dentition in Producing Disease (Reflex-Secretory or 'Vaso-Motor' Action)," *ibid.*, June, 1850; "Epidemic Dengue Fever," etc., *ibid.*, Jan., 1851; "Law Governing the Distribution of Striped and Unstriped Muscular Fibre," *ibid.*, March, 1851, and Transactions Am. med. asso., vol. iv.; "Injuries to the Cranium in their Relations to Consciousness," *Southern Medical and Surgical Journal*, 1851; "Bilateral Lithotomy," *ibid.*, Aug., 1851; "Unusual Form of Fever and Dysentery," *ibid.*, 1851; "Report on Surgery," Transactions med. asso. of Ga., 1852; "The Nature of Typhoidal Fevers," etc., Transactions of the Am. med. asso., May, 1853; "The Sympathetic Nerve in Reflex Phenomena, a Question of Priority of Announcement with M. Claude Bernard," etc., *ibid.*, May, 1853; "Strangulated Ventral Hernia During Pregnancy," *Southern Medical and Surgical Journal*, Jan. and March, 1857; "Clinical Lecture on Traumatic Tetanus," *ibid.*, Feb., 1857; "The Excito-Secretory System of Nerves," etc., prize essay, Transactions Am. med. asso., May, 1857; "Meckel's Ganglion," etc., *Southern Medical and Surgical Journal*, Feb., 1858; "Classification of Febrile Diseases by the Nervous System," Transactions Am. med. asso., 1857; "The Nervous System in Febrile Diseases, Excito-Secretory or Reflex 'Vaso-Motor' Action the Basis of their Phenomena," *ibid.*, 1858; "The Secretory and the Excito-Secretory System," 1 vol. 8vo. pp. 135, Lippincott, Philadelphia, 1858; "Caffeine as an Antidote to Opium," *Southern Medical and Surgical Journal*, May,

1860; "A New 'Ready Method,' Artificial Respiration in the Sitting Posture," *ibid.*, May, 1860; "Croup, a Paroxysmal Neurosis, its Treatment with Quinine," *ibid.*, May, 1860; "Caffeine in Opium-Coma (second case), Injection by the Rectum," *ibid.*, Aug., 1860; "The Effect of Caffeine upon the Muscular System," *ibid.*, May, 1860; "The Georgia Military Hospitals of Richmond," pamphlet, Augusta, Ga., 1861; "Traumatic Hemorrhage and the Arteries," etc., a chapter in the "Confederate Manual of Military Surgery," 1 vol. 12mo. pp. 297, Richmond, 1863 (the principle of ligating the main arterial trunk of a limb, for the cure of inflammation, and for gangrene, is announced in this chapter); "The Hunterian Ligation of Arteries in Destructive Inflammation," *Southern Journal of the Medical Sciences*, New Orleans, Aug., 1866, "Cooper's Surgical Dictionary," London, 1872, (article, "Inflammation"); "Position, Pneumatic Pressure, and Mechanical Appliance in Uterine Displacements," etc., pamphlet, Augusta, 1875, *Atlanta Medical and Surgical Journal*, June, 1875; "Registration and Sanitation," etc., first report of board of health of Ga., 1875; "Blood-letting in Puerperal Eclampsia," etc., *American Journal of Obstetrics and Diseases of Women and Children*, Aug., 1876; "Railroad Transportation of Disease-Germs," etc., etc. (Yellow and Dengue Fever in the South, in 1839, 1850, 1854, and 1876), annual report, board of health of Ga., 1876; "Pneumatic Self-Replacement in Dislocations of the Gravid and Non-Gravid Uterus," Am. gynæcolog. Transactions, 1876; "Calculi in the Bladder after the Cure of Vesico-Vaginal Fistula," *ibid.*, 1876; "The Neuro-Dynamic Etiology and Pathology of Urinary Calculus," and "Arterial Ligation in the Treatment of Traumatic Inflammation and Gangrene," read before the surgical section of the International medical congress in 1876. In this list should be included his discussion with Dr. Marshall Hall, of London, touching "Priority of Announcement in Reflex Secretion and the Excito-Secretory System of Nerves," a digest and review of which will be found in the *Southern Medical and Surgical Journal*, 1857, in the *London Lancet*, May 2d, 1857, in the *American Journal of Medical Sciences*, vols. for 1857 and 1858, and in the *Nashville Journal of Medicine and Surgery*, vol. xiv., p. 146, and vol. xv., p. 70, 1858. Dr. Marshall Hall's adjudication candidly awarded the claim of priority to Dr. Campbell, as will be found in the *London Lancet*, May 2d, 1857. From 1857 to 1861, in conjunction with his brother, Dr. Robert Campbell, he was editor of the *Southern Medical and Surgical Journal*, published at Augusta, Ga. In 1861 he was commissioned a surgeon in the Confederate States army; was assigned as med. director of the Ga. military hosp., at Richmond, Va., and in this capacity—being at the same time a member of the army board of med. examiners—served until the end of the war. He married, June 17th, 1844, Sarah Bosworth, daughter of Amory Sibley, Esq., of Augusta.

BRAY, CHARLES WASHINGTON, Portland, Me., was born in Naples, Me., Aug. 5th, 1850. He was educated at Westbrook seminary, and studied medicine in the med. school of Me., and coll. of phys. and surg., New York, graduating March, 1874, and settling in Portland. He is a member of the Maine med. asso.; of the Cumberland co. med. asso., and of the Portland med. club. He is demonstrator of anatomy in the med. school of Me. (Brunswick), and instructor of anatomy in Portland school for medical instruction. He holds the position of ass't surg. 1st Me. reg. In Sept., 1875, he married Adelaide M., daughter of Capt. Henry M. Brewer, of Portland, Me.

EMMERT, JOSEPH M., Atlantic, Iowa, born in Washington co., Md., June 13th, 1846, was educated at the Cumberland Valley institute, and State normal school Millersville, Pa., and studied medicine at the Jefferson med. coll., graduating in March, 1872, settling first at Hamburg, Iowa, and removing to Atlantic in 1874. He is a member of the Iowa State med. soc.; Botna Valley med. soc., is secretary of the latter; and was delegate to the International medical congress, held in Philadelphia in 1876; and a member of the board of med. examiners of Iowa State univ., 1876. He has written on "Typhoid and Malarial Fevers (Poisons of);" "Fracture of the Neck of Femur;" "Tobacco, and its Effects on the System in Health and Disease," read respectively before the Botna Valley med. soc., May, 1877, the Iowa State med. soc. in Jan., 1876, and the Fremont co. med. soc. in Jan., 1874. He is ass't surg. of the Rock Island railroad, and has twice been recorder of Atlantic. In Oct., 1873, he married the daughter of Upton Washabaugh, Esq., of Chambersburg, Pa.

FITZGERALD, EDMUND, Macon, Ga., of native American parents, was born in Bibb co., Ga., Aug. 14th, 1824. He graduated in medicine from the Jefferson med. coll. in 1848, commencing practice in Houston co., Ga., where he remained for six years, then removing to Macon. He is a member of the med. soc. of Macon, and of the State

med. asso. of Ga. During the war he was for a short time in the Confederate service. In 1859 he married L. A. Weed; she died in 1865. In 1873 he married Mrs. E. T. Cochran, daughter of Dr. Nathan Tucker, of Laurens co., Ga.

CARROLL, ROBERT J., Red Hook, N. Y., of Irish parentage, was born in Keene, O., Oct. 20th, 1843. He studied medicine at the Jefferson med. coll., Philadelphia, graduated in March, 1867, and settled first in Philadelphia, afterwards at Fayetteville, Ark., and finally at Red Hook. He is permanent member of the Am. med. asso. From 1863 to 1865 he was hosp. steward U. S. army, and from 1867 to 1869 he held the position of acting ass't surg. U. S. army.

BLACK, THOMAS A., Hampton, Ark., of mixed English and Irish ancestry, was born in Dixon co., Tenn., June 10th, 1833. He graduated in medicine from the univ. of Louisville in March, 1874. He settled first at Buck Snort, Dallas co., Ark., and afterwards at Clarendon, Monroe co. He finally settled at Hampton. He is a member of the Ark. State med. asso., and during the civil war held the position of ass't brigade surg. in the Confederate army. He is at present mayor of Hampden. He has been married three times, the first and second times to Mrs. Mary F. Stevenson and Maria W. Ford, daughters of Col. P. C. Ford, of Russellville, Ky.; they died in 1859 and 1867. The third time, Mrs. A. N. Evetts, daughter of William Drake, Esq., of Alabama.

MCELROY, JOSEPH, Hickory, Washington co., Pa., was born in Mt. Pleasant township, Washington co., Pa. He was educated at Hickory acad., and studied medicine with Dr. D. McC. McCarrell in Hickory, Pa., graduating at the Charity hosp. med. coll., Cleveland, O., 1870, and taking the *ad eundem* degree, Feb., 1872, at the med. dep't of Wooster univ., Ohio. He settled at Hickory, Washington co., Pa., in partnership with his preceptor, Dr. D. McC. McCarrell. He is a member of Washington co. med. soc., and of the med. soc. of the State of Pa. He married, May 1st, 1873, a daughter of David Brown, Esq.

WOODBURY, FRANK, Philadelphia, Pa., of New England parentage and English descent, was born in Philadelphia, Dec. 9th, 1848. He was educated at the Philadelphia high school, and studied medicine at the Jefferson med. coll., whence he was graduated in March, 1873. After being resident phys. of the Pa. hosp. for a period of two and a half years, he settled in practice in Philadelphia. He is a member of the Am. med. asso.; of the Pa. State med. soc., and of the Philadelphia co. med. soc., of which he is reporting secretary. He is chief of the med. clinic of the Jefferson med. coll. hosp., and is a member of the acad. of natural sciences, Philadelphia. He is the author of numerous short articles, translations, clinical, and other reports, as well as original contributions to various medical journals, and American editor of "Farquharson's Therapeutics." He was married in 1874.

NUTT, GEORGE DALLAS, Williamsport, Pa., son of Noah Nutt and Beulah Nutt, was born at Pemberton, Burlington co., N. J., April 17th, 1845. He was educated at Hightstown classical and scientific institute, and studied medicine at the univ. of Pa., graduating in 1869, and settling in Williamsport in general practice, but giving special attention to diseases of the eye and ear. He is a member of the Lycoming co. med. soc.; of the Williamsport city med. soc., and has been secretary, and is president of the former. In 1876 he married Kate E., daughter of J. W. Tubbs, Esq., of Lawrenceville, Tioga co., Pa.

TREZEVANT, ROBERT BARRON, Des Arc, Ark., a descendant of a Huguenot family who settled in South Carolina, was born in Memphis, Tenn., May 20th, 1840. He was educated at St. James' coll., Washington co., Md., finishing his course in that institution, 1856, and studied medicine in the New Orleans school of med., receiving his degree of M. D. in March, 1867. He settled at Des Arc. In 1874 he took orders in the Episcopal church, and served three years as rector of St. Paul's parish, Bateville, Ark.; but by reason of ill health he resumed practice again at Des Arc. He is a member of the State med. asso., and during the civil war served as ass't adjutant-general in the Confederate States army. In June, 1860, he married Henrietta, daughter of Patrick Kenna, Esq., and granddaughter of Matthias Bardley, Esq., of Maryland.

WYCKOFF, CORNELIUS C., Buffalo, N. Y., of Dutch descent, son of Peter Wyckoff and grandson of Joseph Wyckoff, was born at Romulus, Seneca co., N. Y., August 5th, 1822. Having received his preparatory education at Wesleyan seminary, Genesee, he entered the Buffalo med. coll., and was graduated thence M. D. in 1848. In the same year he established himself as a

general practitioner at Buffalo. He is a member of the Am. med. asso.; of the N. Y. State med. soc.; repeatedly a member of the board of censors; member of the Erie co. med. soc., its president in 1864; and of the Buffalo med. asso., president in 1858 and 1876. Since 1859 he has been attending phys. to the Buffalo general hosp.

DUNLAP, ALBERT, Fort Smith, Ark., of American parentage, and Irish and Scotch descent, was born in Alabama, Dec. 8th, 1829. He was educated at Azark institute, Washington co., Ark., and studied medicine in the univ. of Louisville, and in Transylvania univ., and graduated M. D. from the latter, July 31st, 1851. He located himself first in Wright co., Mo., removing to Fort Smith in 1852. He is a member of the Sebastian co. med. soc.; of the Ark. State med. soc.; of the district med. soc. of western Ark.; was vice-president of the State soc. in 1875. He was surg. in the Confederate States army for four years. In Dec., 1873, he married Virginia, daughter of the late Dr. N. Spring, of Fort Smith, Ark.

ELSBERG, LOUIS, New York, son of Nathan Elsberg and Adelaide Elsberg, was born at Iserlohn, Prussia, April 2d, 1836. He was educated at the Philadelphia high school, and the Jefferson med. coll., graduating M. D. from the latter in 1857, and settling in New York. He visited Europe for purposes of study, and while there in 1858 witnessed the birth of medical laryngoscopy. He was the first to introduce it in this country on his return, and on re-establishing himself in New York made the treatment of diseases of the throat, nose, mouth, larynx, trachea, lungs, and œsophagus, a special study. His practice has been very large, having treated over two hundred and fifty cases of intra-laryngeal growths, and removed over ten thousand diseased or enlarged tonsils, besides performing several operations for making artificial vocal bands, etc., etc. For seventeen years he has been connected with the med. dep't of the univ. of New York as teacher of his specialty. In 1862 the faculty established for him a public clinic, which was the first special clinic for throat diseases in this country, if not in the world. He is prof. of laryngology and diseases of the throat in the univ. med. coll., and member of the Am. med. asso.; of the N. Y. county med. soc.; of the New York acad. of med.; of the Medical Journal asso.; of the New York patholog. soc.; of the society for the relief of widows and orphans of medical men; of the Am. asso. for the advancement of science; and of the New York acad. of sciences, librarian of the last named. He has contributed numerous articles in periodicals, and has published "Laryngoscopical Medication," etc., William Wood & Co., New York, 1864; "Laryngoscopical Surgery," etc., Philadelphia, and "A Complete Manual of Throat Diseases." He has also written much on subjects appertaining to music, general literature and science, of which may be mentioned "The Discovery of a new kind of Resultant Tones," "Explanation of Musical Harmony," and two essays republished from the Transactions of the asso. for the advancement of science, entitled "The Preservation of Organic Molecules," a contribution to the doctrine of evolution, 1874, and "On the Plastidule Hypothesis," 1876. In 1876 he married Mary Van Hagen Scoville, daughter of the deceased author and journalist, Joseph Scoville, of London and New York.

PEABLES, ANDREW MITCHELL, Auburn, Me., was born in Danville, Me., Sept. 7th, 1836. He was educated at the Lewiston Falls acad., and graduated from the Dartmouth med. school, Nov. 1st, 1863. He served as ass't surg. and surg. in the U. S. vols., and subsequently settled at Norway, Me., whence he removed to Auburn, his present residence. He is a member of the Oxford co. med. asso., of which he was vice-president; of the Androscoggin co. med. asso.; and of the Me. med. asso. He has held the office of supervisor of schools in Danville; of superintendent of schools in Norway; of councilman in Auburn; and of representative in the State legislature. In the civil war he was first lieutenant and major of U. S. vols. He was married Sept. 19th, 1865.

MOORE, WILLIAM, New Lisbon, O., of Scotch-Irish descent, was born at that place, Jan. 13th, 1826. His early education was obtained at New Lisbon, and his medical studies were pursued at the Miami med. coll., whence he graduated in 1857. He had, however, practised at West Chester, Tuscarawas co., O., in 1846; also in Fairfield and in Elkton, and finally settling in 1866 in New Lisbon. He is a general practitioner. He is a member of the Ohio State med. soc., and Union med. soc., comprising Columbiana, Carroll, Stark, and parts of Portage and Mahoning cos.; has been president of the last for four years. He has contributed a few papers on medical subjects to his local soc., and for three years has been pension examining surg. In March, 1847, he married Eliza, daughter of Jonathan B. Ferrall, Esq., of

Fairfield township, Columbiana co., O. His son, Frank P. Moore, has been professionally connected with him for three years. Another son is editor of the *Buckeye State*.

HOLT, ERASTUS EUGENE, Portland, Me., was born in Peru, Oxford co., Me., June 1st, 1849. Receiving his education at the common and high schools, Hebron acad., the seminaries of Westbrook and Gorham, and other institutions of his native State, he began the study of medicine under a private preceptor in Maine, and continued it under one in Boston, Mass., and in the med. dep't of Dartmouth coll., graduating at the med. school of Me. in June, 1874. He then entered the Portland school for medical instruction, and subsequently the coll. of phys. and surg., graduating from the latter in March, 1875. He further pursued his studies at the Mass. charitable eye and ear infirmary, and as med. and surg. house pupil at the Me. general hosp. He settled in Portland, where he still resides. He has made a specialty of ear and eye diseases. He is a member of the Me. med. asso.; of the Cumberland co. med. soc.; and of the Portland med. club, of which he was secretary in 1876–77. He contributed to the *Boston Medical and Surgical Journal* of 1875 and 1876 "Reports of Medical and Surgical Cases from the Maine General Hospital," and a "Report on Otology" to the Proceedings of the Me. med. asso. in 1877. In 1875 and 1876 he was demonstrator of anatomy in the med. school of Me.; and in 1876 and 1877 he was phys. to the Portland dispensary. He was married to Mary B. Dyer on October 9th, 1876.

LEIGH, H. GILBERT, Petersburg, Va., was born at Mecklenburg, Va., March 12th, 1833. He is a son of the Rev. H. G. Leigh, D. D., of Mecklenburg. He was educated at Randolph Macon coll., where he received the degree of A. M. in 1851, and was professor till 1854. In 1855 he studied medicine at the univ. of Va., and in the following year graduated from the New York med. coll. In 1856 and 1857 he was ass't phys. at the Randall's Island hosp., settling the latter year in Petersburg, where he remained until the civil war, and whither he returned at its close. He is a member of the Am. med. asso.; of the State med. soc. of Va.; and of the med. soc. of Petersburg. His professional writings consist of contributions to medical journals, principally on the subject of extra-uterine pregnancy. He was a surg. in Gen. Jackson's corps till 1864, when he was transferred to the general hosp. at Raleigh, N. C., where he was in charge as surgeon-in-chief till the close of the war. He holds the office of med. examiner to the Mutual life insurance company of New York, and also that of coroner of the city of Petersburg, to which he was elected in 1871. He is married to Alice, daughter of Col. J. M. Moody, of North Carolina.

STARLEY, SILAS F., Corsicana, Texas, son of Daniel Starley and Rebecca Starley, of English and German descent, was born in Autauga co., Ala., Sept. 5th, 1823. He was educated at Hayneville acad., and graduated from the univ. of Louisville in March, 1854. He settled first in Springfield, Texas, then in Fairfield, and lastly in Corsicana, in general practice of medicine and surgery. He is a member of the Texas State med. asso.; hon. member of the Dallas med. and surg. asso.; and hon. graduate of Soule univ., 1876. He is the author of numerous contributions to medical journals, including the *North American Medico-Chirurgical Review*, the *New Orleans Medical Journal*, the *Southern Journal of the Medical Sciences*, the *Medical and Surgical Reporter*, the *New York Medical Journal*, *Galveston Medical Journal*, etc. He is surg. of the H. and T. C. railroad. In Oct., 1842, he married Nancy Skinner, who died in 1852. In Oct., 1854, he married Mrs. Margaret Ellis, of Falls co., Texas.

BIBBER, RANDALL DOYLE, Bath, Me., was born in Brunswick, Me., Sept. 1st, 1845. He is descended from the Maxwells of Scotland, and the Van Bibbers of Germany. His preliminary education was acquired in the schools of Bath. He studied medicine in the Me. med. coll., at which he graduated, June 1st, 1871, settling in Bath. His practice has included a case of compound comminuted fracture of the elbow-joint, with recovery and almost perfect motion. He is a member of the Me. med. asso., and of the med. socs. of his county and city. He has read before the State medical society papers on "Salicylic Acid," "Pelvic Abscess," and various other medical themes. He is U. S. pension examiner for his county, and phys. to the U. S. Marine hosp.; surg. for the Kennebec district, and city phys. He is associated with the historical soc. of Bath. He was married, Feb. 6th, 1873, to Sarah Aborn Thornton, of Providence, R. I.

VAN RIPER, CORNELIUS, Passaic, N. J., was born in North Belleville, N. J., Sept. 6th, 1840. He was educated at Bloomfield, N. J., and at the univ. of the city of New York, graduating from the collegiate dep't of that institution in 1863. He

graduated in medicine from the coll. of phys. and surg., New York, in 1866, settling in general practice at Passaic. He is a member of the Passaic district med. soc., was its secretary in 1873 and 1874; is member of the board of education of Passaic, and has been such for the past three years. In Sept., 1866, he married Arianna, daughter of J. N. Terhune, Esq., of Paterson, N. J.

CHAMBERLIN, MYRON NEWTON, Cheshire, Conn., was born at New Haven, Conn., in 1836. His father and mother are both natives of Woodstock, Conn. He received his preparatory education at the Hopkins grammar school in New Haven, graduated at Yale coll. in 1857, and studied medicine at the Yale med. school, taking his degree in 1866. His first settlement was in Westcheshire, from which he moved to Cheshire, where he now lives. He is a member of the New Haven co. med. soc. He has held the offices of school visitor, registrar of births, marriages, etc., and town auditor. He was first married to Julia A. Dennison, of Fairfield, Conn.; and, after her death, to Caroline A. Beers, of Cheshire.

JAMES, HIRAM HOWARD, Rahway, N. J., of mixed English and Welsh extraction, was born in Deerfield, Cumberland co., N. J., July 11th, 1836. He was educated at the Union acad., Shiloh, N. J.; at the normal school, N. J.; and at the univ. of Pa., from the med. dep't of which institution he graduated M. D., March 14th, 1863. After graduating he immediately entered the U. S. vol. navy as ass't surg. Was on the "tin-clad" gunboat "Fort Hindman," which led the expedition up Red river, and brought up the rear of the retreat down the river. He resigned from the navy, July, 1864, to accept a like position in the U. S. army, which position he continued to hold till after the close of the war. He settled in Rahway, N. J., Aug., 1865. Was city superintendent of public schools in 1866 and 1867; and was city phys. in 1869. He is a permanent member of the Am. med. asso.; is a member of, and since 1873 has held the office of reporter for, the district med. soc. of the county of Union. In June, 1872, he married Fannie B., daughter of the late Jonathan Thompson, Esq.

BEACH, JOHN NOBLE, West Jefferson, O., was born in Madison co., O., Jan. 27th, 1829. His family were of the good old New England stock, his father, Uri Beach, having emigrated from Vermont early in the present century. His mother was a daughter of Rev. Seth Noble, the first minister stationed at Franklinton, O., near where Columbus was many years later located, and where he died in 1807. Having completed his preparatory education at the Ohio Wesleyan univ., he attended lectures at the Starling med. coll., Columbus, O., and was graduated thence M. D. in Feb., 1850. During the winter of 1851–52 he attended lectures at the coll. of phys. and surg., New York, and devoted a considerable amount of time to practice in the New York hospitals. He began the practice of his profession in 1850, at Unionville, O.; removed thence, in 1853, to Pleasant Valley, O., and thence, in 1858, to West Jefferson, O. He is a member of the State med. soc., ass't secretary in 1868; was elected a representative to the State legislature from Madison co. in 1875. In April, 1862, was commissioned surg. to the 40th reg. Ohio vol. infantry, then serving in western Kentucky, and continued in the service until the muster out of the regiment in Dec., 1864. In the years 1863–64 the regiment was a part of the army of the Cumberland, and the subject of this sketch was, during these two years, acting brigade surg. He is one of the censors of Columbus med. coll., and in 1875 was elected prof. of general pathology in that institution; the professional connection with the college interfering with other duties compelled the resignation of his chair in 1876. He married, June 1st, 1858, Eliza Jane, daughter of Daniel Snyder, of Champaign co., O.

SPILMAN, CHARLES HARVEY, Harrodsburg, Ky., son of Benjamin Spilman and Nancy R. (Rice) Spilman, both of Virginia, was educated at Centre coll., Danville, Ky., and studied medicine at the Transylvania univ., Lexington, Ky., graduating in March, 1855. He settled first at Yazoo City, Miss., then at Nicholsville, Jessamine co., Ky., and finally at Harrodsburg. His practice is general. In 1850 he was elected a member of the Am. med. asso.; in 1851 of the Ky. State med. soc., was its president in 1864; member of the Central Ky. med. asso., its first president in 1872; and has been many times president of the Mercer co., Ky., med. soc. He is also a member of the Am. Mutual Benefit asso. of phys. He is the author of a "Report on Indigenous Botany," Transactions Ky. State med. soc. for 1852; "Suits for Malpractice," *Medical News*, Louisville, 1856; "Relations and Reciprocal Obligations of Medicine to the State," before the Ky. legislature, Feb., 1856; "Blood-letting then and now," *Medical and Surgical Reporter*, 1868; "Metastatic Diversion of Labor," *ibid.*, 1867; "Boldness and Timidity in Practice Contrasted," *Repertory*, Cincinnati, 1868; "Blood-

letting as a Therapeutic Agent," *Richmond and Louisville Medical Journal*, 1869; "Myelitis Spinalis," *Medical and Surgical Reporter*, 1870; "A Popular Physiological Fallacy," *Repertory*, Cincinnati, 1870; "Patent Medicines and Quack Remedies," *ibid.*, 1871; "Therapeutic Action of Mercury," *Richmond and Louisville Medical Journal*, 1873; "Embolism," *ibid.*, 1874; "Pudendal Hernia," *ibid.*, 1875, etc., etc., etc. In April, 1835, he married Mary D., daughter of Abram T. Skillman, of Lexington, Ky.

HITCHCOCK, HOMER OWEN, Kalamazoo, Mich., was born at Westminster, Vt., Jan. 28th, 1827. Educated at Dartmouth coll., A. B., 1851, A. M., 1854, and at the coll. of phys. and surg., N. Y., he graduated M. D. from the latter institution in March, 1855; was for a year and a half interne in Bellevue hosp., and in September, 1856, established himself as a general practitioner in Kalamazoo, giving, however, especial attention to surgery and gynæcology. He is a member of the Kalamazoo med. soc., president in 1873; of the Mich. State med. soc., president in 1872; of the Am. med. asso.; Am. public health asso.; and a corresponding member of the Detroit acad. of med. Among his published writings may be mentioned papers upon "Death from Air in the Veins, introduced through the Uterine Sinuses," Transactions Am. med. asso., 1864; "The Comparative Fertility of Native Americans," *Michigan University Medical Journal*, April, 1871; "Modern Medicine, its Status in Modern Society," president's address, Transactions Mich. State med. soc., 1872; "Entailments of Alcohol," president's address, Mich. State board of health, 1874; "Heredity in its Relation to Public Health and to Legislation in the Interest of Public Health," president's address, Mich. State board of health, 1877. He is a member of the Kalamazoo board of education; of the Mich. State board of health, president since 1873; and since 1862 has been examining surg. to the U. S. pension bureau. During the war he was surg. to the enrolment board of the second district of Mich. He married (1), Sept. 16th, 1856, Fidelia, daughter of James Ripley Wellman, Esq., of Cornish, N. H.; (2), Dec. 25th, 1875, Catharine B., daughter of Hon. Leonard Wilcox, of Orford, N. H.

ROBINSON, BENJAMIN WEST, Fayetteville, N. C., son of Dr. Benjamin Robinson (a native of Bennington, Vt.), was born, March 31st, 1811, at Fayetteville. He was educated at the Fayetteville acad., and studied medicine in Charleston, and at the Jefferson med. coll., graduating M. D. from that institution, March, 1835, and settling in Fayetteville in general practice of medicine and surgery. He was president of the former Cumberland co. med. soc. during its existence, and recently one of the vice-presidents of the State med. soc. He is the author of a "Report of a Case of Poisoning by Arsenic," and occasional reports of surgical cases in periodical medical literature. He was present at the taking of Fayetteville arsenal in 1861, and afterwards acting surg. of the post for most of the civil war. He was member of the board of town commissioners of Fayetteville, and was med. examiner for the London life insurance company. In 1836 he married Joanna A., daughter of John Huske, Esq., of Fayetteville. She died in Jan., 1870.

AYERS, MELANCTHON S., of American parentage, was born at Beemerville, Sussex co., N. J., Oct. 23d, 1846. His medical studies were pursued at the coll. of phys. and surg., New York, and the Long Island coll. hosp. He graduated as M. D. in 1871, settling first in New York, but subsequently removing to Fairview, Bergen co., N. J. He is a member of the Bergen co. med. soc., and is surg. of the 2d battalion N. G. S. N. J.; was appointed by Governor Parker in 1873. On Dec. 9th, 1874, he married Nellie Hill, daughter of A. M. Hill, Esq., of New York. She died Aug. 12th, 1876.

CHARTRES, WILLIAM MORRIS, Savannah, Ga., son of George Chartres and Anna (McLaven) Chartres, both natives of the county of Annandale, Scotland, the former a descendant of the Charters or Chartres, of Kinfanus, was born in Florida township, Montgomery co., N. Y., Jan. 26th, 1806. His literary and classical education was received from private tutors in New York and Cincinnati, and he pursued his medical studies in the Cincinnati med. coll., whence he graduated M. D. in 1836. He located himself first in Lebanon, Warren co., O., and remained there till 1850, when he removed to Savannah, Ga. He is a member of the Lebanon med. soc., was one of its founders in 1838, and its president in 1843; member of the Ga. med. soc. of Savannah, and of the Ga. State med. asso., has been twice president of the former in 1856 and 1874, and of the latter in 1867. His contributions to medical literature consist of addresses before societies, pamphlets, and essays on various medical subjects. In 1851 he was elected a

member of the Ga. historical soc., has been annually elected its first vice-president since 1866 for eight years; has been chairman of its scientific section since 1870. In 1866 he was elected prof. of chemistry in the Savannah med. coll. In 1873 he was appointed a member of the board of public education of Savannah. In June, 1827, he married Cynthia Dutton, daughter of Dr. Thomas J. Seely, of Geneva, Pa., and granddaughter of Col. John Seely, who occupied important military positions in New Jersey during the revolutionary war; she died in 1860. In 1866 he married Emily Aspinwall, daughter of Dr. Thomas Cleveland, late of Providence, R. I.

BEE, ISAIAH, Princeton, West Va., of English and Welsh descent, was born in Harrison co., West Va., in 1832. He was educated at Clarksburg, Harrison co., West Va., and studied medicine in the Cleveland med. coll., Ohio, graduating thence in 1859. After remaining in Ritchie co., Va., where he first settled, for a period of two years he entered the army, and at the conclusion of the war settled in Princeton. His specialty is surgery. He is a member of the West Va. State med. soc.; was one of the regents of the State univ. for more than five years; member of the State constitutional convention in 1871; and has held several minor county offices. In 1862 he was appointed ass't surg. 31st reg. Va. infantry, and in 1863 surg. of Jenkins' cavalry brigade, which latter position he retained till the close of the war. In March, 1861, he married Mary, daughter of Mr. Lacy, of Loudon co., Va.

TOMLINSON, THOMAS HENRY, Plainfield, N. J., was born in Roodstown, Cumberland co., N. J., Sept. 26th, 1836. He is a son of Dr. George Tomlinson and Phebe Milford Tomlinson. His academical studies were pursued at the Union acad., Shiloh, N. J., and at the univ. of Lewisburg, Pa. He studied medicine at the Albany (N. Y.) med. coll., and at the univ. of Pa., from which last he graduated in 1859. His first settlement was at Shiloh, N. J., whence he removed to Plainfield in 1870. He is a member of the Union co. med. soc. He was married in 1859 to Cornelia Gillette, and in 1868 to Mary E. Davis.

JEWELL, JAMES STEWART, Chicago, Ill., of Scotch and English descent, was born, Sept. 8th, 1837, near Galena, Ill. He received his professional education at the Chicago med. coll., from which he graduated in 1860. On his graduation he settled in Williamson co., Ill., from which, in 1862, he removed to Chicago, where he now resides. He began as a general practitioner, but for several years has made a specialty of nervous and mental diseases. He has travelled extensively abroad, and is a member of societies representing nearly every branch of the profession, in many of which he has held offices. His principal literary contributions to medicine have been made through the *Quarterly Journal of Nervous and Mental Disease*, of which he was one of the founders, and is the chief editor. During the civil war he was a contract surg. in Gen. Sherman's command. He married, Dec. 22d, 1864, M. C. Kennedy, of Nashville, Ill. He has been one of the faculty of the Chicago med. coll. since 1862, where he now holds the chair of nervous and mental diseases.

HOOPER, PHILO O., Little Rock, Ark., was born at that place, Oct. 11th, 1833, of American parentage. His literary education was obtained in Nashville, Tenn., and his medical studies were pursued at the Jefferson med. coll., whence he graduated in the spring of 1856, settling immediately after in Little Rock, and where he has built up a large general practice. He is a member of the State med. soc. of Ark.; of the coll. of phys. and surg. of Little Rock; and is a permanent member of the Am. med. asso. He is president of the board of trustees of the Ark. State lunatic asylum. During the four years of the civil war he held the position of surg. in the Confederate States army, and was president of the army med. board for the examination of applicants for positions in the med. dep't Confederate States army.

BARNEY, JOHN W., Concord, N. H., was born at St. Johnsbury, Vt., Jan. 19th, 1816. He was educated at the Caledonia (Vt.) grammar school, and graduated at the Vt. med. coll. in June, 1841, graduating also in 1873 at the Dartmouth (N. H.) med. coll. He first settled in Derby, Vt., then in Lancaster, N. H., and finally in Concord. He is a member of the White mountain med. soc., of which he has been president; and of the N. H. med. soc. In 1868–69 he was a member of the State senate.

JACKSON, JAMES C., Hartford, Conn., was born at Cornish, N. H., Aug. 22d, 1818. He graduated at Dartmouth coll. in 1844, and, after taking one course of medical lectures at his alma mater, graduated from the Jefferson med. coll. in 1847, entering immediately after upon a clinical course under Drs. Gerhard, Peace, Norris, and Pepper, in the

Pa. hosp. He settled at Hartford, where he now is. In the course of his professional career he has introduced no new remedies, but, what is hardly less important, has discovered a vast number of old ones to be worthless. He is a member of the Conn. med. soc., of which he was for many years treasurer, and has been a member of the Am. med. asso. He is consult. phys. of the Charter Oak life insurance company of Hartford. He is unmarried.

BLAKE, DUNCAN W., Gloucester City, N. J., was born in Philadelphia, March 7th, 1844. His father is a native of N. J.; his mother of Philadelphia. He graduated at the Philadelphia med. coll. in 1864, and at the Jefferson med. coll. in 1876; his first settlement was at Gloucester City, Camden co., N. J., where he has since remained. Is a member of the Camden co. district med. soc. For five years he was coroner of the county of Camden, and during the civil war served as ass't surg. of the 4th N. J. vols. He married Sarah E. Dobson, Dec. 24th, 1864.

FISKE, HENRY MORTIMER, San Francisco, Cal., was born Dec. 10th, 1823. He was educated at Albion coll., Mich., and graduated M. D. from the med. dep't of the univ. of St. Charles, in March, 1843, and settling first in Athens, Ill., removing to San Francisco in 1851. His specialty is diseases of women and children. He is a member of the San Francisco med. soc.; of the Cal. State med. soc.; and of the Am. med. asso. He is the author of various articles on gynæcology, contributed to the various medical publications of the United States. He has been a member of the assembly, and has represented his district in the State senate. He was married in 1843.

FAIRCHILD, DAVID S., Ames, Iowa, of English ancestry, some of whom were among the earliest settlers in Bridgeport and Fairfield, Conn., was born in Fairfield, Franklin co., Vt., Sept. 16th, 1846. He was educated at Barre acad., Vt., studied medicine at the Albany med. coll. and in the univ. of Mich., graduating M. D. from the former in Dec., 1868, and from the latter in June, 1869. He settled first in High Forest, Olmstead co., Minn., removing to Ames in 1872. His practice is general. He is a member of the Story co. med. soc., its president in 1873–74, and secretary in 1876–77; of the Iowa central district med. asso., and is its vice-president; of the Iowa State med. soc.; and of the Am. med. asso. He is also a member of the Iowa State acad. of science, and was a delegate to the International med. congress, held in Philadelphia in 1876. He was chairman of a committee appointed by the Iowa State med. soc. to preface a "History of Medicine in Iowa," which was completed. He holds the position of phys. to the Iowa State agricultural coll. In May, 1870, he married Wilhelmina C., daughter of Hon. W. K. Tattersall, of High Forest, Minn.

LA FERTÉ, DAVID, Detroit, Mich., of French ancestry, from La Ferté, France, was born in Amherstburg, Ont., Jan. 3d, 1849. He was educated at Amherstburg and Windsor, Ont., and studied medicine at the Detroit med. coll., and the Jefferson med. coll., graduating at the latter in March, 1871, and settling in Detroit. He has contributed articles on spermatorrhœa, hip-disease, and Colle's fractures, to the *Detroit Review of Medicine*. He is a member of the Detroit acad. of med., and of the Detroit med. and library asso. He is lecturer on tumors and orthopœdic surgery in the Detroit med. coll., and demonstrator of anatomy in the same institution.

PORTER, DOCTOR NEWTON, Eminence, Ky., son of Eli Porter, of Welsh descent, and Martha Ball, of English descent, was born in Henry co., Ky., Jan. 17th, 1816. He was educated in Henry co., and at Georgetown coll., Ky., and graduated in medicine from the Ky. school of med., Louisville, Ky., in 1851. He settled in the village of Eminence, in 1853, in general practice, but making a specialty of obstetrics. He is a member of Transylvania med. soc.; of the Ky. State med. soc., has been president of the latter. He is the author of an address on "The Science of Medicine," delivered before the Ky. State med. soc. at Danville, published in the Transactions of the society. He was president of the board of trustees of Eminence, and of Eminence coll.; of Eminence seminary; of Eminence cemetery; and is a director of Eminence deposit bank; is a life-member of the Ky. infirmary for women and children. He is also a minister of the Baptist Church, ordained in 1841. In 1841 he married M. C. A. Rees, who died in 1852. In 1852 he married Keziah, daughter of Levi Scott, Esq., of Henry co., Ky.

FRISSELL, JOHN, Wheeling, West Va., was born March 8th, 1810, in Peru, Berkshire co., Mass. He is a son of Amasa Frissell, of Scotch descent, his mother, whose maiden name was Wilcox, being of English descent. The foundations of his education were laid at the common school of his native place, from which he passed to the acad. of Old

Hadley, Mass., and thence to Williams coll., at which he graduated in 1831, receiving the degree of A. M. in 1834, in which year also he graduated in medicine at the Berkshire med. coll., having previously been demonstrator of anatomy for one year at the Vt. med. coll., and for two years at the Berkshire med. coll. He remained in Pittsfield, the seat of the latter institution, instructing students during the reading term, and demonstrating a fourth course of lectures, until June, 1836, when he removed to Wheeling, where he has since resided. His practice has been general, though, owing to the fact that accidents are very numerous in a manufacturing community such as Wheeling, it has run largely to surgery, in nearly all of the departments of which he has operated successfully. In 1838 he performed his first operation for hare-lip, and in the following year he operated for club-foot, by the division of tendons, shortly after Dr. George McClellan, of Philadelphia, had performed his first operations for the same deformity, by the same method. In 1841 he commenced operating for strabismus, and has since performed repeatedly nearly all the different operations on the eye, including the extirpation of the organ, both by enucleation and by removing with the eye a part of the tissues of the orbit. He performed, in 1846, his first operation for stone in the bladder, and in 1856 his first successful operation for vesico-vaginal fistula. He has operated with success for staphyloraphy, and frequently for phimosis and phymosis with adherent prepuce, not to mention his numerous and various operations in plastic surgery, one of which, performed in 1871, in a case wherein the chin and sternum were held nearly in contact, ranks among the most extensive and successful of the class on record. He is a member of the Ohio co. med. soc.; of the State med. soc. of West Va., of which he was the first president; and of the Am. med. asso. He is an hon. member of the med. soc. of Cal., and was a member of the International medical congress of 1876. Although not himself much addicted to writing, his cases and operations have furnished abundant themes for valuable medical articles, insomuch that his papers dealing with the fruits of his practice are quite too numerous to be given here even by their titles. They may be read, however, in the Transactions of the West Va. State med. soc. Soon after the beginning of the civil war he was appointed by Gov. Pierpoint med. supt. of the military prisoners and sick soldiers at Wheeling, and was continued by the surgeon-general of the U. S. at the same post, as ass't surg., to the close of the war. He also served as a member of the State board of examiners for surgeons entering the army during the war. For upwards of a quarter of a century he has filled the position of surgeon to the marine patients at Wheeling. He was connected with the Wheeling infirmary during its continuance, as he has been with the hospital that succeeded it, having been physician and surgeon to the institution for nearly twenty years. He was married to Elizabeth Ann, daughter of Col. John Thompson, of Moundsville, West Va.

HOWARD, ELIAS W., Akron, O., son of David Howard and Cynthia (Crossman) Howard, of English ancestry, was born at Andover, Vt., April 14th, 1816. He was educated at the Vt. Chester acad., and studied medicine at the Berkshire, Mass., med. inst., whence he graduated M. D. in 1838, and the *ad eundem* degree was conferred upon him by the Miami, O., med. coll., in Feb., 1871, in consideration of services to the profession on the anatomical bill, as well as in acknowledgment of general and professional attainments. He settled first at Elyria, Lorain co., O., and changed to Akron, Summit co., O., in 1839. He is a member of the Am. med. asso., of the Ohio State med. soc., of the Union med. asso. of northeastern Ohio, of the Summit co. med. soc., and fellow of the Mass. med. soc. He has been president of the Northeast soc. twice, and of the Summit soc., and vice-president of the State soc. His contributions to medical literature consist of a number of cases to medical journals. During the war he was sent on various expeditions, surgical and sanitary, by Surgeon-General Webber and Gov. David Tod, to Tennessee, Maryland, and Washington. He has been president of the board of education, and has been vice-president of the city council of Akron. In 1840 he married Elizabeth, daughter of Henry Chittenden, Esq., of Middlebury, O.

ROACH, E. J., Atlanta, Ga., was born in Somerset co., Md., May 9th, 1833. Was educated in Prince Ann co., Md., and studied medicine in the office of Prof. N. R. Smith, of Baltimore, and in the univ. of Md., graduating from this institution M. D. in 1854. He first settled in Baltimore, and practised medicine there for one year. In 1855 he removed to Atlanta. He is a member of the Ga. State med. asso. He has been treasurer of the city of Atlanta, twice a member of its common council, and is now one of its board of education. Was surgeon in the Confederate States army during the war, served three years in the field as regimental, brigade, and division surg.; was subsequently in charge of military hospitals at Macon and Augusta,

Ga. At the latter place he had charge of all the hospitals at the time of the surrender. He has repeatedly and successfully performed all the operations known in military surgery.

HICKS, ROBERT I., Williamsboro', N. C., son of Dr. John R. Hicks, was born at the family seat, Woodlawn, Granville co., N. C., Dec. 29th, 1831. Having finished the sophomore and junior classes did not graduate at Jefferson. At the expiration of the junior year, having left college in consequence of the death of a brother, thought it unnecessary to return, as the mathematical course was completed with the junior year. From Jefferson coll., Washington, Pa., he entered the med. dep't of the univ. of Pa., and from that institution received his degree of M. D. in 1855. During the ensuing six years he practised medicine in Granville co.; in 1865 removed to Fredericksburg, Va., and thence returned to N. C. In the course of his practice he has twice successfully tied the femoral artery, has resected the head of the humerus, and has performed the operation of kolpokleisis. He is a member of the N. C. med. soc., orator in 1874, and delegate to the convention of the Am. med. soc. in 1873. Of his contributions to medical periodicals may be mentioned papers upon "Night Blindness," "Paracentesis in Pleuritic Effusions," "Scleroderma," and "Intestinal Occlusion." In 1861 he was commissioned surg. to the 23d N. C. reg.; was promoted to be surg. of brigade under Gen. Garland, and during the retreat after Gettysburg was acting surg. of division under Maj. Gen. Rodes. At the time of the surrender at Appomattox he was with Lee's army. He married, Dec. 29th, 1864, Fannie F., daughter of Capt. Charles Randolph, of Fauquier co., Va.

ROBERTSON, CHARLES, McConnelsville, O., of Scotch ancestry, was born near Leesburg, Loudon co., Va., July 13th, 1799. He studied medicine with Dr. W. W. Wood, of St. Clairsville, O., and was admitted to membership in the 16th med. district soc. of Ohio in 1824. Subsequently studied at Jefferson med. coll., and graduated there in 1849. Settled first in Bainsville, Belmont co., O., then in Woodsfield, Monroe co., O., and finally in McConnelsville, in 1876. His practice is general. Besides being a member of the 16th med. district of Ohio, he is a member and was first president of the Morgan co. med. soc.; of the Ohio State med. soc. since its organization, and a member of the Am. med. asso. His contributions to the literature of his profession are limited to papers read before the Morgan co. med. soc. Was postmaster of St. Clairsville, O., for four years, and during the war of the rebellion was examining surg. of the board of enrolment of the 15th military district of Ohio. He married Evelina S., daughter of George Fouke, Esq., of Washington co., Md.; she died in 1860. In May, 1862, he married Dessie, daughter of William Brown, Esq., of Pittsburgh, Pa.

MITCHELL, GEORGE, Mansfield, O., was born in Olivesburg, O., July 19th, 1838. His father, Dr. Geo. F. Mitchell, practised medicine in the same county for forty years, and was well known over the northern portion of the State as a successful physician. Dr. Geo. Mitchell received his elementary education in the common schools. At the age of sixteen he entered the Ohio Wesleyan univ., at Delaware, O., and graduated from that institution in 1858, with the degree of A. B. In 1860 he matriculated at the Western Reserve med. coll., where he attended one course of lectures. The following winter he was a student in the Ohio med. coll., from which he graduated as M. D. in the spring of 1862. In the same year, 1862, his alma mater conferred on him the degree of A. M. Soon after graduating in medicine he was appointed ass't surg. of the 102d reg. Ohio vol. inf. He continued in active service until the close of the war, being twice tendered promotion for valuable services. After the war he located in Mansfield, O., where he has since resided. He is one of the censors of the med. dep't of the Wooster univ., and also a trustee of the Ohio Wesleyan univ. In the winter of 1876 Governor Hayes appointed him one of the board of trustees of the Columbus hosp. for the insane. He is a member of the Ohio State med. soc., and of the Am. med. asso. He frequently contributes to the medical literature of the day.

BLOOD, SOLOMON, Owatonna, Minn., was born, Feb. 16th, 1810, in Hollis, N. H. After leaving the common schools he attended successively the Chester acad., at Chester, Vt.; the Wesleyan acad., at Wilbraham, Mass.; and the Bloomfield acad., at Bloomfield, N. J., and graduated from the Vt. med. coll. in June, 1838. The following year he began the practice in Rochester, Racine co., Wis., where he remained till 1865, when he moved to his present residence, Owatonna, Steele co., Minn. He is a member of the Wisconsin State med. soc., of which he was elected president in 1861; and of the State med. soc. of Minn. His literary work has been confined to the reporting of a few cases in his surgical practice. He has

held no public office except that of town sup't of schools. In the civil war he was ass't surg. of the 32d reg. of Wis. vols., and subsequently surg. of the 39th reg. of Wis. troops. He married, Aug. 1st, 1839, in Chester, Vt., and a second time, April 2d, 1851, in Milwaukee, Wis.

CUMMINGS, JOSEPHUS, Austin, Texas, son of Stephen Cummings and Nancy (G. Rowe) Cummings, was born in Austin, Texas, Nov. 30th, 1849. He was educated in Austin, and studied medicine at the Jefferson med. coll., graduating in March, 1871, and settling in Austin, in the general practice of medicine and surgery. He is a member of the Texas State med. asso.; of the Travis co. med. soc., of which he was secretary three years; and of the Jefferson coll. alumni asso. He has contributed several articles to the Transactions of the Texas State med. asso. He is at present U. S. pension exam. surg. In Aug., 1872, he married Texas, daughter of Thomas Glascock, Esq., of Austin, Texas.

LANDIS, HENRY GARDNER, Columbus, O., of English and Swiss ancestry, was born in Philadelphia, June 4th, 1848. He was educated at the Lawrenceville classical and commercial high school, N. J., and at Yale coll., graduating A. M. from the latter, and studied medicine at the Jefferson med. coll., receiving his degree of M. D. in 1870. He settled first at Niles, Trumbull co., O., in 1871, and removed to Columbus in 1877, in general practice, but making a specialty of obstetrics. He is a member of the patholog. soc. of Philadelphia; of the Trumbull co. med. asso., its vice-president in 1876; and of the Columbus acad. of med. He is the author of a number of articles on medical and surgical subjects in the *American Journal of Medical Science*, *Philadelphia Medical Times*, *Northwestern Medical and Surgical*, and *Ohio Medical and Surgical Journal*. He was resident phys. in Philadelphia hosp. during 1870–71, and is now prof. of obstet. in Starling med. coll., Columbus. He was a member of the board of education, and school examiner at Niles, during 1874, 1875, and 1876.

SCOFIELD, DARIUS, Washington, Washington co., Ia., was born in Hadley, Saratoga co., N. Y., July 31st, 1834, of American parentage and English ancestry. He was educated at the Cambridge acad., Washington co., N. Y.; attended medical lectures at and graduated from the Albany med. coll. in 1858. Took a supplemental course in Bellevue hosp. med. coll. in 1877 and 1878. He located first at Corinth, Saratoga co., N. Y., in 1859; entered the army as ass't surg. in 1863; afterward located at Daytonville, Washington co., Ia., moving thence to Washington, Washington co., Ia., in 1869. He is a general practitioner, though devoting especial attention to surgery and diseases of a surgical nature. He is an active member and worker of the various medical societies of his State. He was ass't surg. of the 47th U. S. colored infantry; and for a time was in charge of U. S. general hosp., No. 3, at Vicksburg, Miss. He was for six consecutive years a member of the city council of Washington, Ia. He is now, 1877–78, phys. of the commission of insanity for his county, and medical examiner for several life insurance companies; also one of the ass't surgeons of the C. R. I. & P. Railroad companies. Was married to C. G. Herrick, in 1860, who died, leaving him one child, in Dec., 1874.

ALDRICH, HENRY, Wyoming, R. I., son of a surgeon in the continental army during the revolutionary war, was born at Hopkinton, R. I., Dec. 20th, 1802; educated at the Kingston, R. I., acad., and at the Yale med. school; he was graduated M. D. from the last-named institution in March, 1828, and in the same year began the practice of his profession at West Greenwich, R. I. In 1828 he removed to Wyoming, where he has since been established. He is a member of the R. I. med. soc., having been elected in 1840. From 1836 to 1840 he was a member of the R. I. State senate. In 1853 he was president of the Exeter bank. Was married, in 1831, to Amanda, daughter of James Tillinghast, Esq., of Voluntown, Conn.

GOULEY, JOHN WILLIAM SEVERIN, New York, was born in New Orleans, La., March 11th, 1832, of French parentage. He received a classical education under private tutors, and was graduated in medicine from the coll. of phys. and surg., New York, in March, 1853. He served in the house staff of Bellevue hosp., and then settled in New York, in the spring of 1854. During his practice he has performed the successful excision of half the lower jaw, two cases, 1859–60; of the entire radius, 1863; and the entire lower jaw, 1864; auto-plastic operation after a burn of nearly the whole of the left lower extremity, and during 1863 over five hundred surgical operations. He is a member of the New York patholog. soc., elected in 1855; of the New York acad. of med., in 1856; med. soc. of the county of New York, 1865; Am. med. asso., 1873;

New York acad. of sciences, 1871; med. soc. of the State of New York, 1875, etc., etc. The following are some of his contributions to medical literature: "Polypus of the Larynx," ".Laryngo-Tracheotomy," etc., etc., *New York Medical Journal*, Sept., 1867; "External Perineal Urethrotomy; an Improved Method to Relieve Obstinate Stricture," *ibid.*, Aug., 1869, and Transactions State med. soc., N. Y.; "Instruments for Exploration of the Urethra," etc., *Medical Record*, March, 1870; "Treatment of Intractable Stricture," etc., etc., *ibid.*, April, 1870; "Internal Urethrotomy," *ibid.*, April, 1870; "Strictures in the Meatus Urinarius and Fossa Navicularis," *ibid.*, May, 1870; "Modern Lithotripsy," *ibid.*, Oct., 1870; "Urethral Fever from Catheterism," etc., *ibid.*, Oct., 1872; "Case of Retention of Urine by Diseased Kidney," etc., etc., *ibid.*, Oct., 1872; "Rupture of Bladder," etc., *ibid.*, Nov., 1872; "Diseases of the Urinary Organs," etc., 1873, 8vo., pp. 368; "Perityphlitic Abscess from Perforation of Appendix Vermiformis," etc., Transactions of med. soc. State of N. Y., 1875, and *Virginia Medical Monthly*, March, 1875; "Chronic Cystitis," *Medical Record*, Oct., 1875; "Urethroplastic Operations to Remedy Hypospadias, Epispadias, and Incurvation of the Penis," *ibid.*, Feb., 1876; "Stone in the Bladder, its Removal," etc., etc., *ibid.*, July, 1876, etc., etc. In 1856 he was prof. of anat. in the Vt. med. coll., Woodstock, Vt.; 1855 to 1859 curator of patholog. museum, Bellevue hosp.; from 1859 to 1861 and 1864 to 1866, demons. of anat. in the med. dep't of the univ. of New York, also instructor in histology and in operative surgery in the same institution; since 1859 attend. surg. to Bellevue hosp.; surg. to St. Vincent's hosp., 1864 to 1867; prof. of clinical surgery and genito-urinary diseases in med. dep't, univ. of New York, 1866 to 1871; prof. of diseases of the genito-urinary system, univ. of New York, 1876, and consult. surg. to the bureau of medical and surgical relief of outdoor patients of Bellevue hosp., New York. From 1861 to 1864 he was ass't surg. U. S. army, on hospital duty in Washington, D. C.; with the army in the peninsular and Maryland campaigns, at the battle of Fredericksburg; and in charge of the U. S. general hosp., Central Park, New York, till his resignation. In July, 1869, he married Isabelle Mary, daughter of Margaret and Edward Caulfield, Esq., of Lexington, Ky.

WHITE, JOHN BLAKE, New York, son of Dr. Octavius A. White, formerly of Charleston, S. C., but now of New York, was born in Charleston, S. C., Oct. 9th, 1850. He received his preliminary education at Phillips' acad., Exeter, N. H., and entered Harvard coll. Before graduating entered the coll. of phys. and surg. of New York, and the med. dep't of Columbia coll., from which institution he received his degree of M. D. in 1874. He settled in New York in association with his father, in general practice, but with special attention to genito-urinary diseases. He is a member of the New York co. med. soc., elected June, 1874. He was appointed house surg. of the Brooklyn city hosp. in 1875, which he resigned to take the position of ass't sanitary inspector in the New York health department.

HUNTER, SAMUEL BELCHER, Machias, Me., was born in Strong, Me., July 18th, 1830. He is of American parentage, but of Scotch and English ancestry. He received his academical education at Farmington, Me., and studied medicine at the Brunswick (Me.) med. coll., and the Jefferson med. coll., Philadelphia, graduating from the latter, March 12th, 1855. His place of first settlement was Wilton, Me., from which he removed to Machias, his present residence. He is a member of the Me. med. asso. In the civil war he was surg. of the 7th Me. vols., and surg. of the board of enrolment of the Fifth Maine district. He is now exam. surg. of the board of pensions. He was married, Sept. 22d, 1855, to Amelia Lincoln, and has two children, daughters.

JERVEY, HENRY, Norfolk, Virginia, was born in Charleston, S. C., May 14th, 1841. He is a son of the late James P. Jervey, prof. of medical jurisprudence in the med. coll. of S. C. His academical course was begun in private schools and completed in Charleston coll., after which he entered the med. coll. of S. C., from which he received his degree, March 15th, 1861. He commenced the practice in his native city, but, after the close of the war, practised for several years in Powhatan co., Va., whence he removed to Norfolk. He is a member of the Norfolk med. soc., of which he was elected secretary in June, 1877; and of the literary and charitable societies of Charleston, S. C. He was formerly a member of the S. C. med. asso. In 1862, Feb. 1st, he was commissioned an ass't surg. in the Confederate army; and Feb. 21st, 1862, assigned to the general hosp. at Rikersville, S. C.; June 2d, 1862, to the general hosp. at Summerville, S. C.; Dec. 4th, 1862, to field duty with the 1st S. C. artillery; March, 1863, to the duty of post surg. at Castle Pinkney, Charleston Harbor; May 17th, 1863, to the general hosp. at

Summerville; Oct. 21st, 1863, to the hosp. encampment at Summerville; and Feb. 4th, 1865, to the general hosp. at Winnsboro', S. C., of which he had charge at the time of Sherman's march through that place, and up to the period of Johnston's surrender.

PINDELL, WILLIAM NICK, Newark, N. J., of Norman and Welsh ancestry, who settled in Maryland under grant from Charles II., was born in Anne Arundel co., Md., Dec. 26th, 1827. He was educated at St. John's coll., Annapolis, and Georgetown coll., D. C. Studied medicine in the univ. of Md., and graduated M. D. in March, 1848. He established himself in Bay Side, Talbot co., Md.; was four years in the navy, and in 1871 settled in Newark, in general practice, but giving special attention to diseases of the chest. He is a member of the Essex co. med. soc., and is the author of a number of articles on medical subjects, published in the journals of the profession. During his term of service in the navy he had charge of the hospital ship in the South Atlantic, as well as holding other important positions. In 1849 he married Hallie, daughter of Wm. C. Lyles, Esq., of Anne Arundel co., Md.

HUDSON, WILLIAM MILLER, Hartford, Conn., was born in Hartford, March 14th, 1833. He graduated at Yale coll. in 1853, and in 1855 received the degree of M. D. from the Jefferson med. coll. He settled first in New York, where he remained till the breaking out of the war of the rebellion, when he entered the U. S. army as acting ass't surg., in which position he served three years. He is a member of the Hartford city med. soc., and of the Conn. State med. asso. He is commissioner of fisheries for the State of Conn.; has been med. adviser of the Conn. general life insurance company; and now is of the Continental life insurance company of Hartford, Conn. In May, 1858, he married Ellen H., daughter of Timothy M. Bryan, Esq., of Philadelphia.

CROOKER, LEANDER J., Augusta, Me., son of Dr. Sebra Crooker, of Brookfield, Nova Scotia, was born in Liverpool, Nova Scotia, Feb. 24th, 1837. He graduated in medicine from Dartmouth coll. in 1870, settling first at Vassalboro', Me., then at Belgrade, Me., then at Boston, Mass., and finally in Augusta. His practice is principally surgical, and he has been very successful in his more important operations. He is a member of the Kennebec co. and State med. socs. of Me.; was president of the former in 1875. He has contributed articles on professional subjects to various medical journals. In 1858 he married Clara B. Tarbell, of Vassalboro'; she died in 1866. In 1867 he married Fannie A. Guppy, daughter of James H. Guppy, Esq., of Boston, Mass.

BEARDSLEY, LUCIUS NICHOLS, Milford, Conn., was born in Manoe, Conn., Oct. 8th, 1814. He is a son of Agar Beardsley and Lucinda Nichols. He pursued his professional studies in the med. dep't of Yale coll., from which he graduated, March 4th, 1838; settling at Milford, where he now resides. He is a member of the New Haven co. med. soc., of which he has been president; and of the Am. med. asso., of the Connecticut delegation to which he was chairman in 1860, and again in 1863. He contributed to the *Boston Medical and Surgical Journal*, of 1859, an account of the first case of diphtheria that appeared in Orange, Conn. From 1841 to 1845 he was postmaster in Milford. He married Betsey Ann Cely in 1836, and in 1874 Susan P. Smith. He has two children, sons, both educated at Yale, and graduates of the Bellevue hosp. med. coll.

ALLEN, LEFFERSON A. D., Woodstown, Salem co., N. J., born near Salem, N. J., Sept. 18th, 1839. Educated in Woodstown, graduated from the med. dep't of the univ. of Pa. in March, 1867, and settled in Woodstown, in general practice. He is a member of the Gloucester co. district med. soc., and has held the offices of its secretary and president. He served one year in the U. S. navy as medical officer in charge of a vessel attached to the Potomac flotilla, the same vessel afterwards being attached to the East Gulf squadron. He is a member of the West Jersey agricultural and horticultural asso.; and of the Pilesgrove library asso. In March, 1869, he married Izetta, daughter of Omar Borton, Esq., of Woodstown, N. J.

BULLARD, WILLIAM MASON, Indianapolis, Ind., was born in that city, April 23d, 1853. He is a son of Dr. Talbot Bullard, who died in 1863, from disease contracted during his service in the civil war. He was educated at the Indianapolis high school, the Cambridge high school, and the Purdue univ., and graduated from the Ind. med. coll., Feb. 28th, 1876, beginning the practice in his native city. He is a member of the Marion co. med. soc.; of the Ind. State med. soc.; and of the Mutual aid asso. of Ind., of which he is med. director. He is at present prof. of chemistry and toxicology in the Ind. med. coll.

HAY, WALTER, Dubuque, Iowa, born, June 13th, 1830, at Georgetown, D. C., son of Charles Eustace and Lucy (Chandler) Hay, grandson of George Hay, U. S. judge of the eastern district of Virginia, and great-grandson of Anthony Hay, an adherent of Prince Charles Edward, of Scotland, who came to America after the battle of Culloden. Was educated in private schools, and in the Jesuit coll. of his native place; was destined for the profession of a topographical engineer, and in the fulfilment of that intention entered the U. S. coast survey in 1847; but, in consequence of ill health contracted in the line of his duty, resigned in 1852. He prosecuted his medical studies from 1849 to 1853, under the instruction of Grafton Tyler, M. D., of Georgetown, D. C., and graduated in the latter year at the Columbian coll., Washington, D. C. In consequence of feeble health, the result of cardiac disease, he was compelled to seek a warmer climate, and spent the next four years in Charleston and in Florida, whence, after a partial restoration of his health, he removed to Chicago, Ill., in 1857. In 1858 he was appointed to the charge of St. James' Episcopal hosp., and continued therein until the close of that institution. In 1864 he organized St. Luke's Episcopal hosp., and in 1867 assumed by invitation the editorial charge of the *Chicago Medical Journal*, in association with Dr. J. Adams Allen, and continued in its management until its sale in 1875. In 1867, in connection with Drs. J. V. Z. Blaney and J. H. Rauch, he organized the health dep't of the city of Chicago. In 1871 was selected as one of the committee of five to receive and disburse the "Fire Relief Fund," contributed for the relief of the sufferers by the great fire of that year (Oct. 9th), and was secretary of that committee during its existence. In 1871 was invited to organize the dep't of mental and nervous diseases, and the clinic for the same, in Rush med. coll., Chicago; and in 1872 was appointed adjunct prof. of theory and practice of medicine in the same school, after a successful competition in a public concourse. He soon afterwards organized the same department in St. Joseph's hosp., Chicago. In 1875 accepted by invitation an acting appointment as ass't surg. U. S. army, in charge at head-quarters of the military division of the Missouri, on the staff of Lieut.-Gen. P. H. Sheridan; and in the same year assisted in the organization of the Am. neurolog. asso. Dr. Hay was med. examiner, in Chicago, for the Mutual, the New York, the Guardian, and the Equitable life insurance companies of New York, and for the Mass. Mutual and Berkshire of Mass. In 1877 he removed to Dubuque, Iowa, and in the same year assisted in the organization of the Dubuque Charity hosp. Dr. Hay's contributions to professional literature consist of "Lectures," "Essays," "Reviews," and "Translations," published in the *Chicago Medical Journal* subsequently to 1867. Dr. Hay has been member of medical societies as follows: Am. med. asso., Am. neurolog. asso., association of Am. med. editors, Ill. State med. soc., Ill. State microscop. soc., Chicago acad. of nat. sciences, Am. scientific asso., Chicago soc. of phys. and surg.; Iowa State med. soc., Dubuque co. med. soc.; hon. member Chicago soc. of phys. and surg. He married in 1856 Rebecca, youngest daughter of the Hon. Samuel Ringgold, of Maryland, who died in 1857. In 1864 he married Angelica, eldest daughter of the Hon. George Bridges Rodney, of Delaware, who died in 1865; and in 1872 he married Maria, eldest daughter of the Hon. George Wallace Jones, of Iowa.

JEMISON, LEWIS, Bordentown, N. J., son of Isaiah and Elizabeth (Major) Jemison, was born near Princeton, N. J., June 10th, 1832. Having been graduated A. B. from the coll. of N. J. in 1853 (A. M. in 1856), he began the study of medicine in the office of Dr. J. Stillwell Schenck, subsequently attended lectures in the med. dep't of the univ. of Pa., and from that institution received his degree of M. D. in 1858. Upon graduating in medicine he entered upon the practice of his profession at Hightstown, N. J., removing thence in a few months to Bordentown, where he since has been established. He is a member of the Burlington co. med. soc., and was president of that organization in 1870. For several years he has been examining surg. to the U. S. pension bureau. He married, in 1859, Martha D. Allison, of New York, who died April 4th, 1860. He married, Jan. 1st, 1863, Rebecca S. Wray, of Philadelphia.

THOMPSON, ELBRIDGE AUGUSTUS, Dover, Me., was born at Sangerville, Me., Jan. 4th, 1828. Receiving his academical education at Bowdoin coll., entered upon the study of medicine, and graduated at the Castleton med. coll., Castleton, Vt.; subsequently attended a course of lectures at the coll. of phys. and surg., New York, from which he graduated in 1852. His first place of settlement was Charleston, Me., from which he removed in 1865 to Dover, his present residence. He is a member of the Penobscot med. asso., and of the Me. med. asso. He has held the office of town treasurer, and has been a member of the S. S. com-

mittee, and a representative in the State legislature. He was for two years a member of the governor's council, and for the like period served on the governor's staff as ass't surgeon-general of the State, with the rank of colonel. In 1861 he was a contract surg. in the U. S. army; and from Nov., 1862, to Nov., 1863, was ass't surg. of the 12th Me. vols.; and from Nov., 1863, to Dec., 1864, surg. of that regiment. From Jan. 1st, 1865, until the close of the war he was ass't examining surg. in the provost marshal's office; and has been examining surg. for U. S. pensions since 1868. He has been twice married.

WRIGHT, THEODORE GOODELL, Plymouth, Conn., son of Rev. E. B. Wright and Harriet (Goodell) Wright, was born at South Wilbraham, Mass., March 3d, 1834. He was educated under his father at Monson acad., and State normal school, Westfield, Mass., and studied medicine in the med. dep't of the New York univ., graduating M. D. in March, 1865. He was employed as a special agent of the bureau of refugees and freedmen and abandoned lands, 1865 and 1866; is superintendent and phys. of the house of reception, New York juvenile asylum, 1867, 1868, and 1869; and after attending lectures at the New York coll. of phys. and surg., in 1869 and 1870, settled in Plymouth in 1872. He is a member of the Conn. med. soc., and Litchfield co. med. asso., clerk of the latter in 1875–76–77; and fellow of the Conn. med. soc. In April, 1860, he married Jennie L., daughter of Appleton Dorrance, of Andover, Conn.; she died in March, 1861. In March, 1868, he married Mary E., daughter of Deacon Asa Lyon, Esq., of East Woodstock, Conn.

MAYER, ORLANDO BENEDICT, Jr., Newberry, S. C., born in Newberry, S. C., Aug. 23d, 1853, graduated from the S. C. med. coll., March, 1874, and settled in Newberry in active general practice, but giving a preference to surgery. He is a member of the Newberry med. soc., has been both its secretary and treasurer; and a member of the S. C. med. asso. He is phys. to the Newberry poorhouse.

REID, ROBERT V., Zebulon, Ga., of Irish and English ancestry, was born near Zebulon, Pike co., Ga., June 14th, 1829. He studied medicine at the Atlanta med. coll. in 1858 and 1859, and at the univ. of New Orleans, and graduated from the med. dep't of the latter institution in March, 1861, settling in Zebulon in general practice. He is a member of the Ga. med. asso., and of the Middle Ga. med. soc., has been president of the latter. During the war he was a surgeon in the 13th reg. Ga. Confederate States army, where he remained until the close of the war. In 1848 he married Virginia T. Joiner; she died in 1857. In Aug., 1865, he married Ophelia M., daughter of Dr. J. J. Caldwell, of Griffin, Ga.

KELLERS, EDWARD HENRY, Charleston, S. C., was born in Charleston, March 10th, 1836. He graduated at the S. C. coll. in 1856, and at the med. coll. of the State of S. C., March 1st, 1858, settling in his native city, where he still resides. He is a general practitioner, and since the war has combined the business of a druggist with his practice. He is a member of the med. asso. of S. C., and of the pharmaceutical soc. of S. C.; and is one of the board of pharmaceutical examiners for the city of Charleston. He produced a monograph on "The Anatomy, Physiology, and Pathology of Supra Renal Capsules," which took the Geddings prize of one hundred dollars at the med. coll. of S. C. in 1858. In 1869 he was elected a city phys. of Charleston. He served as ass't surg. in the Confederate army.

PARR, THOMAS SIMPSON, Indianola, Iowa, son of Thomas Parr and Heiress M. (Eno) Parr, the former of Irish and the latter of American birth, was born near Smithville, Peoria co., Ill., June 13th, 1842. He was educated at the Peoria high school, and studied medicine in the univ. of Mich., graduating in March, 1868, and settling first at Smithville, Peoria co., Ill., and afterwards, in the fall of 1869, removed to Indianola, Warren co., Iowa. He is a member of the Warren co. med. asso., of which he was secretary from July, 1874, to July, 1876, and is also a member of the Iowa State med. asso. He is a member of the board of regents of the Iowa State univ. at Iowa City, and one of the board of curators of the State historical soc. In April, 1864, he married Maggie E., daughter of James Pinkerton, Esq., of Peoria co., Ill.

CUNNINGHAM, RICHMOND CARROLL, Verona, Miss., of Scotch-Irish parentage, was born in Huntsville, Ala., May 26th, 1825. He graduated in medicine from the univ. of Pa., med. dep't, in March, 1856, settled first in Harrisburg, Miss., then Birmingham, Miss., and finally in Verona, Miss. He is president of the Lee co. med. asso., and member of the Miss. State med. asso. In 1862 he held the position of surg. in the Confederate States army. In June, 1855, he

married Sallie Rowland. She died on July 25th, 1867. In Sept., 1869, he married Mrs. Ashcraft, daughter of H. W. Noe, Esq., and widow of the late Col. T. C. Ashcraft.

PRESTON, ROBERT J., Abingdon, Va., was born in Washington co., Va., Jan. 25th, 1841. He is of Scotch-Irish extraction, being a son of John F. Preston, whose father came to this country about the middle of the last century. He was educated at Emory and Henry coll., Washington co., Va., where he was at the breaking out of the war. Immediately after the war he entered the med. dep't of the univ. of Va., from which he received his degree in 1867. On his graduation at the university he went to New York, and was resident phys. of the nursery and child's hosp. in that city, as also for a time at St. Luke's hosp., taking meanwhile a special course in physical diagnosis under Prof. Alfred Loomis. In 1869 he commenced practice in Abingdon, Va., and has since remained there. In the winter of 1875 he took a special course of instruction on diseases of the eye, with Drs. Noyes and Webster, of New York. The degree of A. M. was conferred upon him in 1875, by Emory and Henry coll. Although his practice is general he gives special attention to the diseases of women and children. He is a member of the med. soc. of Va., and of the Abingdon acad. of medicine. He has produced numerous papers on medical subjects, among the most prominent of which is one on "Rupture of the Uterus," calling special attention to a new symptom, and published in the Transactions of the State med. soc. for 1874; and one on "The Advances in Obstetrics and Diseases of Women and Children," published in the Transactions of that soc. for 1877. He is an elder in the Presbyterian church of Abingdon, and a trustee of the Stonewall Jackson institute in that town. At the outbreak of the civil war in 1861 he left the college and joined the Confederate army, serving first as a private under Stonewall Jackson, and afterwards as lieutenant and captain in the cavalry under General William E. Jones. He was married, Oct. 19th, 1875, to Martha E. Sheffey, daughter of James W. Sheffey, Esq., of Marion, Va.

LASSITER, DAVID WILLIAM, Petersburg, Va., was born, May 24th, 1827, in Northampton co., N. C., where his father, William Lassiter, was a planter. He is of Huguenot extraction on the side of his father, whose ancestors settled in North Carolina in 1720. His mother, a Miss Parker, was an English Quakeress. He attended the Jackson acad., N. C., which he left in 1841 to pursue his studies privately at Petersburg, Va., pursuing them there till 1849, when he entered the med. dep't of the univ. of Va., subsequently entering the univ. of Pa., from which he graduated in 1851. After graduation he prosecuted his professional studies privately under Dr. William Gerhard, until he took charge of the Eastern Penitentiary hosp. of Pa., which he left in 1856 for a tour in Europe. During his services in the Penitentiary hosp. he had charge also of the Foster Home for children, and was engaged, besides, in preparing students for graduation at the university. On his return from Europe he settled in Petersburg, Va., where he now resides. His practice is general, with especial reference to the diseases of women and children. He is a member of the Am. med. asso.; of the State med. soc. of Va., and of the med. faculty of Petersburg. He has been a member of the city council and of the school board of Petersburg, and for the last ten years a director of the Richmond & Petersburg railroad. He is married to Anna Rives Heath, daughter of Hartwell Peebles Heath, late a distinguished merchant of Petersburg.

BARRETT, HENRY A., Concord, Mass., was born, May 18th, 1818, in Norfolk, Va. He was educated at Amherst coll., and graduated from the Harvard med. school in 1845, settling in Concord, where he still resides. He is a member of the Mass. med. soc., and of various local societies. From 1861 to 1865 he served as examining surg. of Mass. vols. He is now med. examiner for Middlesex co., in cases of death by violence. He was married in 1863.

FRENCH, OTIS E., Denver, Col., son of John French and Mary (Richardson) French, of Boston, was born in Boston, March 1st, 1818. He was educated at Well's seminary, Jamaica Plains, and at Yale coll., and graduated in medicine from Harvard univ. in 1840. He has been a resident of Boston, Philadelphia, Iowa, Minnesota, Illinois, Ohio, and is now in Garnett, Kansas. He has performed many important surgical operations with successful result, and among the peculiar cases which he has treated are those of a soldier in the 114th Ohio vol. infantry with fissure and rupture downwards in mesial line of hard palate and roof of mouth, by concussion of air from explosion of a bomb-shell; and of the removal from a married woman, four months pregnant, of a large size pyramidal glass inkstand, which under the influence of excitement of fever she had forced into her vagina,

three years previously, and into the bottom of which she had broken a hole while trying to remove it with a wire, etc. He is a member of several med. socs., and is the author of a manual entitled "The Art of Midwifery." During the war he was surg. of 114th reg. Ohio vols.; was subsequently assigned to staff and hospital duty, and placed in charge of hospitals at Alexandria, La., and at Fort Gaines, Ala., after the surrender of Mobile; was assigned to duty with 1st Texas cavalry on march from New Orleans to San Antonio, Texas, and remained on duty till the close of the war. In 1840 he married Eliza, daughter of Windson Fay, Esq., of Boston. She died in 1841. In 1849 he married Mrs. M. E. Thompson, of Detroit, Mich.

ALLEN, CYRUS HAMILTON, Centreville, Cal., of English and Scotch descent, was born, Sept. 5th, 1833, in North Thetford, Orange co., Vt. He was educated at the Montpelier (Vt.) acad., and graduated from the med. dep't of the univ. of Vt. in Aug., 1857, settling the following September at Union village, Orange co., Vt., from which he went into the army. At the close of the war he settled, Nov., 1865, in Lima, Livingston co., N. Y., whence he removed in July, 1867, to Centreville, Alameda co., Cal. He is a member of the Cal. State med. soc.; and of the Alameda co. med. asso., of which he has been one of the board of censors since 1876. On Oct. 1st, 1862, he was commissioned ass't surg. of the 8th Vt. vols., and, Oct. 1st, 1864, surg. of the 5th Vt. vols. He was married March 8th, 1859.

WARNER, ABNER SPICER, Wethersfield, Conn., son of Dr. Abner Warner and Eliza (Spicer) Warner, was born at Manlius, Onondaga co., N. Y., Sept. 7th, 1818. He was educated at Kimball Union acad., N. H., and Dartmouth coll., and studied medicine at the N. H. med. coll., and at the med. school at Brunswick, Me., graduating in letters in 1842, and in medicine in 1847, and settling first in Newbury, Vt., and afterwards in Wethersfield. During a portion of the war of the rebellion, he held the position of surg. of the 16th reg. Conn. vols. In 1847 he married Caroline C. Kimball, who died in 1866. In 1869 he married Jane M., daughter of the late James Spalding, M. D., of Montpelier, Vt.

ALEXANDER, ANDREW, Boston, Mass., was born, April 21st, 1812, in Edinburgh, Scotland. He is a son of Andrew Alexander, of Glasgow, Scotland, who died in Boston in 1821. His mother, whose maiden name was Janet Richardson, was a native of Hoddington, East Lothian, Scotland, and also died in Boston, where she practised midwifery from 1819 to the year of her death, 1845, having been instructed in her art by Dr. James Hamilton, of the univ. of Edinburgh, as was her daughter in the same art. He studied medicine with Dr. Peter Renton, of Concord, N. H., and attended lectures at the Harvard med. school, from which he graduated in 1835, beginning the practice in Boston the following year. For a few months in 1843 and 1844, he practised at Jérémie, Hayti, returning to Boston the latter year, where he practised till about ten years ago, when he retired. He is a member of the Mass. med. soc. Early in life he became interested in phrenology, and still holds that there is a great deal of truth in phrenology, from which he considers himself to have received valuable suggestions and guidance in the investigations in physiological psychology and cerebral physiology, to which he has given much time, with results that he deems important, and which he proposes some day to publish. He was married in 1853 to Lavinia A. J. Pratt, of Boston.

CHITTOCK, GORDON, Jackson, Mich., of English parentage and ancestry, was born in Hunnington, county of Suffolk, England, Jan. 15th, 1827. He was educated at Jackson, and studied medicine at the Rush med. coll., Chicago, graduating M. D. in Feb., 1851, and settled in Jackson in general practice, but giving special attention to surgery. He has been a member of the Mich. State med. soc. since 1867, and is now its treasurer; also a member of the Am. med. asso. since 1873. During the war he was surg. of the board of enrolment, third congressional district; acted as volunteer surg. at Fredericksburg, 1864, after the battles of Spotsylvania and Wilderness. In July, 1854, he married M. P. Murray, daughter of James Murray, Esq., of Moscow, Hillsdale co., Mich.

FRANCIS, VALENTINE MOTT, Newport, R. I., son of the late John Wakefield Francis, of New York, was born in New York city, April 25th, 1834, of American parentage. He studied medicine in the univ. med. coll. of New York, and graduated M. D., from that institution, March, 1859. In the same year he also received a diploma from the same univ. for analytical chemistry. He practised medicine in New York for several years, and then removed to Newport, R. I. He has travelled extensively. He is a member of the New York historical soc., and of the New York sani-

tary asso., and has published an octavo volume on "Hospital Hygiene" (published by Trow, New York). He published also a political poem: "Fight for the Union," 1863, and was European correspondent of an American newspaper while abroad in 1869–70. He married, April, 1857, Sarah Faulkner Carville, of New York. She died in 1861. In Feb., 1865, he married Anna Mercer, daughter of Dr. Rene La Roche, of Philadelphia, a distinguished author and physician.

LEONARD, ALGERNON SIDNEY, Woodstock Valley, Conn., was born in New York city, April 4th, 1842, of American parentage. He studied medicine at the coll. of phys. and surg., New York, graduating from that institution M. D. in 1866. He first settled in Woodstock Valley, then removed to South Woodstock, then to Brooklyn, N. Y., and finally returned to the place of his first settlement. He is a member of the Windham co., Conn., med. soc., and of the Rockland co., N. Y., med. soc. He is ass't phys. of the Nursery hosp. on Randall's island. In Jan., 1868, he married a daughter of Asa Phillips, Esq.

BEACH, HENRY HARRIS AUBREY, Boston, Mass., son of Elijah and Lucy S. Beach, was born in Middletown, Conn., Dec. 18th, 1843. He was educated at Cambridge, Mass., and graduated from the Harvard med. school in July, 1868, settling in Boston, where he still resides. He is a member of the Boylston med. soc., of which he was elected president in Nov., 1873; of the Boston soc. for med. improvement; of the Boston soc. for med. observation; and of the Mass. med. soc. His contributions to medical literature consist of papers published in the *Boston Medical and Surgical Journal*, of which he was formerly ass't editor; in the *London Medical Times and Gazette*, and in the *New York Medical Journal*. He is a member of the Harvard faculty of medicine, having been ass't demons. of anat. since 1868; and since 1872 has been surg. to outpatients in the Mass. general hosp. In 1871 he married A. C. Mandell, of New Bedford, Mass.

BENHAM, SILAS NELSON, Pittsburgh, Pa., was born, Nov. 20th, 1840, at Washington, Pa. His father, of English Puritan descent, was a native of New Haven co., Conn.; his mother, of Alsacian extraction, was born in York co., Pa. He was educated at Washington coll., Pa., from which he graduated, Sept. 4th, 1861, and studied medicine in the med. dep't of the univ. of Pa., graduating in March, 1865, and settling the following month at Pittsburgh, where he still resides. He is a member of the Allegheny co. med. soc., which he assisted in organizing, and of which he was secretary for three years, and censor for the like period; of the med. soc. of the State of Pa.; and of the Am. med. asso., of whose judicial council he has acted as secretary since 1873. During the civil war he served as aide-de-camp. From 1865 to 1870 he was phys. to the Mercy hosp.; and from 1863 to 1873 phys. to the guardians of the poor of Pittsburgh. In 1871 he was appointed one of the surg. to the western Pa. hosp., serving two years; and in 1868 was one of the phys. to the Church guild dispensary. He assisted in organizing the Pittsburgh free dispensary, March 6th, 1875. He was married, June 27th, 1866, but became a widower in April, 1872.

BLAKE, JOHN GEORGE, Boston, Mass., was born, Aug. 8th, 1837, in Mullingar co., Westmeath, Ireland, whence he came to the United States in 1849. He was educated in the national schools of Ireland, and the public schools of this country, supplemented by private tuition, and graduated at the Harvard med. school in March, 1861, having in the preceding year been house surg. in the Mass. general hosp. He at once begun the practice in Boston, where he has since pursued it. He is a general practitioner, with a preference, however, for uterine surgery. In the course of his practice he has had successful cases of ovariotomy, inversion of the uterus, pelvic abscess, fibroids, and a case of intestinal obstruction lasting nineteen weeks, the patient having been kept alive by aspirating the intestines one hundred and fifty times. He is a member of the Mass. med. soc.; of the Boston soc. for med. improvement; of the Boston soc. for med. observation; and was a member of the Boston gynæcolog. soc. while in existence. Among the principal of his literary contributions to medicine is a paper on "Rheumatism," Boston city hosp. reports, first series; one on "Treatment of Empyema by Permanent Openings," with reports of nineteen cases, Boston city hosp. reports, second series; one on "Pelvic Abscess," journal of the Boston gynæcolog. soc.; one on "Intestinal Obstruction," *Boston Medical and Surgical Journal* of Nov. 23d, 1876; and one on "Inversion of Uterus and Ovariotomy," *Boston Medical and Surgical Journal*. He is a member of the Boston school board, in which capacity he is engaged in a strenuous endeavor to obtain the appointment of a medical and

sanitary inspector of the city schools, with a fair prospect of near success. He has been visiting phys. to the Boston city hosp. from its establishment, being now the senior phys., and is consult. phys. to Carney hosp., phys. to the St. Elizabeth hosp. for women, and, indeed, has been professionally associated at one time and another with all the general hospitals and all the Catholic charitable and religious institutions in Boston. In the civil war he served as volunteer surg., examining drafted men and recruits. He was married June 19th, 1865, and has a large family.

SIMONTON, ALLEN C., Mitchellville, Polk co., Iowa, of mixed German, Scotch, and Irish ancestry, was born in Wabash co., Ind., Nov. 18th, 1841. He studied medicine at the Chicago med. coll., graduated in March, 1868, settling first at La Gro, Ind., and removing to Mitchellville in 1868. His specialty is diseases of females. He is a member of the Polk co., Iowa, med. soc., and of the Iowa State med. soc.; is the author of an article on "Sulphites in Intermittent Fever," *Chicago Medical Examiner;* another, opposing the use of alcohol in typhoid fever, before the State soc., in June, 1875. He is lecturer on physiology and chemistry in Mitchell seminary. He served nine months in the U. S. army, as first lieutenant, during the rebellion. In June, 1871, he married Lillie, daughter of Martin Brandt, of Huntington, Ind.

NOYES, AARON A., Mason City, Ia., of Scotch-Irish extraction, was born, Nov. 25th, 1822, in Orange co., Vt. He graduated in medicine at the Ia. State univ., in 1849. In 1844 he settled in Wis., but since 1862 he has resided in Iowa. In the course of his practice he has three times extirpated the breast for cancer; performed a number of amputations; and operated ten times for fistula in the urethra, through the perineum and penis, and a great many times by dilatation for stricture. His operations through the perineum have proved quite successful. He is a member of the Upper Cedar Valley med. asso., of which he has been vice-president and one of the censors; of the Delaware co. soc., of which he was treasurer; of the Cedar Valley med. asso., of which he was for years treasurer and secretary; and of the State med. soc. of Ia., of which he was formerly one of the trustees, and is now one of the board of ethics; has also been a permanent member of the Am. med. asso. for a number of years. He has contributed to the transactions of the State med. soc. three papers, of which one discusses a case of double stricture of the urethra complicated with false passage, of fifteen years' standing, wherein a cure was effected by the extirpation of the cartilaginous matter forming the stricture, the first operation of the kind, it is alleged, on record. The subject of one of the other papers is "Cancer and Scirrhus." He has held the office of notary public; chairman of board of supervisors; of township treasurer; and of trustee of the township for years. In 1876 he was one of the examining board of the graduating class of the med. dep't of the Ia. State univ. He was married in 1850, to Maria C. Crandall, by whom he had five children. He was married again in 1862 to Mrs. M. A. Crozier.

SMALL, JOHN M., Lewiston, Me., born in New Gloucester, Me., March 14th, 1818; educated in letters at Limerick and Parsonfield academies; in medicine at Dartmouth and Bowdoin coll.; graduated at the latter in 1847, and settled first in Exeter, and afterwards in Lewiston, in general practice. He is a member of the Me. med. asso., and of the Androscoggin med. asso., and was president of the latter in 1875. He is a member, also, of the city government, board of health, and is city phys. of Lewiston. In Dec., 1840, he married Mary Elizabeth, daughter of Solomon Bangs, Esq., of Vassalborough, Me.

SOUTHWORTH, CHARLES TRACEY, Monroe, Mich., was born, May 19th, 1827, at Coventry, Chenango co., N. Y. He is a son of Dr. Tracey Southworth and Ruth M. Gorton Southworth, both of Otsego co., N. Y., the one having been of English descent, the other of German. He received his classical education at Oberlin, O., and at the Mich. univ., and attended his first course of medical lectures in the New York coll. of phys. and surg., in the winter of 1845–46, subsequently taking one course of six months in Paris, under Trousseau and Ricord, and spending two years as interne in a hospital at Madrid, Spain, graduating at the univ. of Madrid, May 20th, 1849. In Sept., 1849, he settled in Havana, Cuba, from which, in March, 1851, he went to Matamoras, Mexico, whence, in Oct. of that year, he removed to Vera Cruz. In April, 1853, while at Vera Cruz, he was commissioned by Gen. Santa Anna, on his return to Mexico as dictator, division surg. of cavalry, and accompanied him to the city of Mexico, retaining his commission as surgeon until the abdication of Santa Anna, in 1855. In Sept. of that year he sent in his resignation, and in the following April was appointed surgeon-general of the army of the North, by Santiago Vidaurri,

then governor and commander-in-chief of the forces of Coahuila and Neuva Leon. In 1857 he resigned the commission of Vidaurri, and returned to the city of Mexico, which he left, by the way of Acapulco, in Oct. of the following year, arriving, Jan. 5th, 1859, at Monroe, Mich., where he has since been engaged in the practice of his profession. He is a member of the Am. med. asso.; of the Mich. State med. soc., of which he has been a vice-president, and is at present one of the judicial council; and of the southern Mich. med. asso., of which he was chosen president in 1876. He has been a frequent contributor to medical journals. In Feb., 1862, he was commissioned surg. of the 18th Mich. vol. inf., but resigned his commission, June 11th, 1864, on account of his health. He is married, and has three sons and three daughters.

BRAGG, JUNIUS NEWPORT, Camden, Ark., of English descent, was born in Lowndes co., Ala., May 4th, 1838. He was educated at Arkansas coll., and graduated from the med. dep't of the univ of La., in March, 1861. He settled in Camden, where he now lives. His practice has included all operations incident to military surgery. He is a member of the med. asso. of Ark. In the civil war he served as ass't surg. in the Confederate army. He was married in June, 1863.

MAYO, EDWARD NEALLEY, Orono, Penobscot co., Me., of American parentage and English ancestry, was born in Orono, Penobscot co., Me., May 15th, 1837. He was educated at Orono high school, and at Mattanawcook acad., and studied medicine at the National med. coll., Washington, D. C., graduating in March, 1860. He settled first at Houlton, Aroostook co., Me., and after remaining there seven years he returned to Orono. He is a member of the Me. med. asso., and of the Penobscot co. med. asso., of which he is president. He was pension exam. surg. of Houlton, and is sup't of the school committee of Orono. In July, 1863, he married Lucy W., daughter of Dr. William H. Allen, of Orono.

KITCHEN, DANIEL H., New York, was born at St. George, Ontario, Canada, Sept. 7th, 1847. His education was received in the Canada literary institute; univ. of Toronto; Toronto school of med., and univ. of the city of New York, his degree of M. D. being conferred by the last-named institution, in 1869. From July, 1869, to July, 1871, he was house phys. to the nursery and children's hosp., New York; was appointed, in Aug., 1871, ass't phys. to N. Y. State lunatic asylum, at Utica; and in Aug., 1874, was appointed chief of staff of all the hospitals on Blackwell's island, a position he held until April, 1877. In April, 1877, was appointed sup't and phys. to the N. Y. State inebriate asylum, Binghampton, N. Y., which position he now holds. He is assistant to prof. of psycholog. med. in Bellevue hosp. med. coll., and a member of the executive committee of the alumni of the univ. of the city of New York; also a member of the Oneida co. med. soc., delegate thence to N. Y. State med. soc., and of the N. Y. neurolog. soc. Of his professional publications may be mentioned papers upon conium, ergot, nitrite of amyl, and electricity, in the *American Journal of Insanity* for 1872–73, and the following works, published under the auspices of the New York dep't of public charities and correction: "Insanity and Hysteria," 1876; "Manual for Attendants Upon the Sick," 1877, and "Appetency for Alcohol," 1877. In Aug., 1875, he established a municipal school for nurses, under the city government, being the first school of the kind ever established at municipal cost. On the foundation fifty pupils are to be received and educated during a two years' course. The school is in connection with the Charity hosp., on Blackwell's island. He married, Oct. 13th, 1875, Jennie, daughter of J. J. Roof, Esq., of Elmira, N. Y.

CAIN, JOHN S., Okolona, Chickasaw co., Miss., of American parentage, and Irish and German descent, was born in Sumner co., Tenn., Aug. 3d, 1832. He was educated in letters and in medicine at the univ. of Nashville, Tenn., graduating in medicine, 1853, settling first at Pontotoc, Miss., 1853, where he remained till the breaking out of the war. At its close he settled at Okolona, Miss. His specialty is gynæcology. He is a member of the Am. med. asso., of the Miss. State med. asso., and of the Okolona med. asso. He was brigade and division surg. in the Confederate army, for nearly four years, actively engaged in the field. In 1861 he married Mattie Worsham, of Pontotoc, Miss.

CALKINS, ALONZO, New York, was born, Nov. 27th, 1804, of English Puritan ancestry, in Conn. He was educated at the coll. of phys. and surg., New York, and graduated M. D., 1831, at that institution, settling in New York in general practice. He is a member of the med. soc. of the county of New York, elected in 1840; and of the medico-legal soc. of New York, elected in 1872. He is author of "Psychological Zoölogy of Man," *New York Journal of Medi-*

cine and Surgery, 1846; "Statistics of Opium Poisoning," *New York Journal of Psychology*, 1868; "Opium and the Opium Appetite," Lippincott & Co., 1871; "Judicial Executions for Capital Crimes," *New York Journal of Psychological Medicine*, 1869; "Statistics of Felonious Homicide," published by medico-legal soc., 1872.

DAVIDSON, WILLIAM ROBERT, Evansville, Ind., was born at Madison, Ind., Oct. 16th, 1840. His father was a native of Scotland, and graduated in medicine and surgery at the univ. of Edinburgh, about the year 1832. He was educated at Hanover coll., Ind., and graduated from the Bellevue hosp. med. coll., in 1867, since which time he has practised in Evansville, Ind. He is a member of the Evansville med. soc., and of the Drake acad. of medicine. He fills at present the chair of physiology and histology in the Evansville med. coll. During the first year of the civil war he served as medical cadet in the hosp. at Louisville, Ky., and afterwards, for two years and a half, as ass't surg. of the 22d Ky. vols.

KELLY, HIRAM R., Galion, O., was born in Shamokin township, Northumberland co., Pa., Feb. 7th, 1835. He received his medical education at the Starling med. coll., Columbus, O., after a preparatory course of lectures, in 1856, in Cincinnati, and graduated in 1865, settling first in West Point, Morrow co., O., and afterwards, in 1870, removing to Galion. He is a member of the Ohio State med. soc., and holds the position of member of the board of education of Galion; also that of surgeon of the Atlantic and Great Western railroad, at Galion.

MCLAUGHLIN, WILLIAM, Harmony, Me., of American parentage, and English and Scotch ancestry, was born in Cornville, Me., Aug. 10th, 1832. He was educated at Bloomfield academy, and Maine Wesleyan seminary, at Kent's Hill, and graduated in medicine from the Me. med. school, at Brunswick, Me., in June, 1869. He settled in Harmony, Somerset co., where he now resides. He is a member of the Me. med. asso.; is sup't of the school committee of Harmony, justice of the peace, etc. In 1855 he married Mary E. Tibbetts, daughter of Asa Tibbetts, Esq., of Athens.

PLIMPTON, ALBERT F., Gardiner, Me., of Massachusetts parents and English descent, was born in Litchfield, Me., May 5th, 1832. He studied medicine with Dr. Wm. Safford, of Litchfield, Dr. S. Whitmore, of Gardiner, and at Deer Island hosp., Boston; also at the Maine med. coll., and at the Jefferson med. coll., graduating from the last named in March, 1859, and settling first at Pittston, Me., removing to Gardiner in 1861. He is a member of the Maine med. asso.; and of the Kennebec med. asso. In 1863–64 he was city phys. of Gardiner. In May, 1865, he married Carlista A., daughter of James and Mary Colby, of Litchfield.

BEACH, WILLIS J., Litchfield, Conn., was born in that city, Feb. 9th, 1844. He studied medicine at the New York coll. of phys. and surg., from which he graduated in March, 1867. He is a member of the Conn. State med. soc. In 1867 he married Emma J. Strickler, of New York city.

TAYLOR, JOHN RHODES, Kasse, Limestone co., Texas, was born in Houston co., Ga., Sept. 30th, 1837. His literary education was received at McKenzie literary coll., Texas, and his medical education in the med. dep't of the univ. of Louisiana, where he graduated M. D. in March, 1869, locating soon after at Kasse. He is a member of the State med. asso., and the Limestone co. med. soc., was corresponding secretary of the latter in 1874. He is the author of "Notes from Practice;" an article on "Epidemics and Climatology;" "Fevers of Our Climate;" "Fatal Epidemic of 1875." He has operated successfully in tracheotomy, and a difficult case of imperforate hymen. He was married in Aug., 1864.

PARKER, JULIAN NEWELL, South Manchester, Conn., was born, of American parentage, at Mansfield, Conn., July 3d, 1839. His medical studies were pursued at Yale med. school, whence he graduated in July, 1867. He located himself at Mansfield, where he remained till 1872, when he removed to South Manchester. He is a member of the Hartford co. med. soc., and during the war was surg. of the 1st reg. Conn. N. G. In May, 1868, he married Caroline, daughter of George and Lucy Sheperd, of New Haven, Conn.

BRADBURY, OSGOOD NATHAN, Norway, Me., of American parentage, was born in Norway, Me., Oct. 28th, 1828. He studied medicine in the med. school at Brunswick, Me., and graduated in 1864, settling first in Springfield, Me., and removing to Norway in 1873. He is a member of the Me. med. asso. During the civil war he was acting ass't surg., U. S. army, at Cony U. S. general hosp., Augusta, Me., June, 1864, to Jan., 1866; and having been also executive

officer, was in charge of post hosp. six months, to June, 1866. He was for many years supervisor of schools; was member of the legislature in 1863, and senator in 1864–65. In 1852 he married Ellen R. Scribner, daughter of Bial H. Scribner, Esq., of Springfield, Me.

OWINGS, THOMAS BOYLE, Ellicott City, Md., son of Dr. John H. Owings, for forty years a leading practitioner in Howard co., Md., and a grandson of Capt. Thomas Boyle, who, in the privateer sloop "Vigilant," blockaded the English channel during the war of 1812, was born in Howard co., Md., Sept. 23d, 1830. Having received a liberal preliminary education, he entered the univ. of Md., and was graduated thence M. D. in March, 1852. In the same year he established himself at Ellicott City. Since 1861 he has been phys. to St. Charles' coll.; since 1860 phys. to the Christian Brothers; since its foundation, in 1869, phys. to the Redemptionist coll., Mt. St. Clement, and has also been physician to various other local educational institutions. He is a member of the med. and chirurg. faculty of Md., etc. He has twice married: first, June 2d, 1853, Maggie, daughter of David Clarke, Esq., of Howard co., Md.; and second, Feb., 1871, Nellie, daughter of Wm. C. Polk, Esq., of Carroll co., Md., formerly of Delaware, and brother of Hon. Trusten Polk, of Mo.

LATIMER, THOMAS SARGENT, Baltimore, Md., was born in Savannah, Ga., June 17th, 1839. The Latimers were of English extraction, great-great-grandfather came to America in 1736; his, Dr. Latimer's, progenitors subsequently intermarried with Scotch and French people; mother, Scotch-English. He was educated at Sherwood acad., York, Pa., and pursued his medical studies at the univ. of Md., Baltimore, whence he graduated M. D. in March, 1861, and settled in Baltimore. He is a member of the Am. med. asso.; of the med. and chirurg. faculty of Md.; of the clinical soc. of Baltimore; of the Baltimore med. asso., its president in 1872–73; and of the patholog. soc. of Baltimore, its vice-president in 1875–76. During 1870–71 he was editor of the *Baltimore Medical Journal*, and in 1873 of the *Physician and Surgeon;* also of "Harris' Principles and Practice of Dentistry;" part 1st, "Anatomy and Physiology." He has been demonstrator, and is now prof. of anat. in Baltimore coll. of dental surgery, and prof. of physiology and diseases of children in coll. of phys. and surg., Baltimore. During the war he was ass't surg. to the 1st reg. Md. infantry, Confederate States army; afterwards ass't med. purveyor of the army of northern Virginia, under Gen. Lee, and subsequently until the close of the war surg. in charge of Confederate States dispensary, and Robinson hosp., in Richmond, Va.

WARD, THOMAS BRYSON, Norfolk, Va., son of William Ward of that place, was born in Norfolk, Dec. 6th, 1838. He was educated at Ridgway acad., Albemarle co., Va., and at the univ. of Va., and studied medicine at the univ. of New York, whence he graduated M. D. in 1859. He passed some time as house surg. to the New York hosp., and after the war settled in Norfolk. He is a member of the Norfolk med. soc., and has been its president; and has been first vice-president of the State med. soc. of Va. He was a surg. in Mahone's brigade, Confederate States army, and subsequently president of the special examining board of surgeons, at Columbia, S. C., during the civil war. He is a med. examiner of the Manhattan insurance company, and is surg. to St. Vincent's hosp., Norfolk.

SPAULDING, JOSEPH PAYSON, Richmond, Me., son of Dr. Zechariah Spaulding, was born in Bingham, Me., Sept. 19th, 1839. He was educated at Bingham, and Kent Hill seminary, Me., and graduating from the med. dep't of Bowdoin coll., in June, 1866 (and after taking a subsequent course of study in the med. dep't of Harvard univ.), settled at Bingham, removing to Richmond in 1874. He was a member of the Somerset co. med. asso.; and of the Me. med. asso. He entered the army during the rebellion as orderly sergeant in 20th reg. Me. vols., but left the service on account of ill-health. In June, 1874, he married Flora W., daughter of Capt. Eli Merriman, of Richmond, Me., a successful physician, who died June 30th, 1877, from the effects of the disease contracted while in the army.

HERITAGE, JOHN DOWN, Glassboro', N. J., was born at Hurfville, Gloucester co., N. J., Sept. 14th, 1837. He graduated at the univ. of Pa., in March, 1862, and practised in the place of his nativity for one year, when he entered the army as ass't surg. of the 11th N. J. vols., joining the regiment at Falmouth, and remaining with it until it was mustered out. He was taken prisoner at Ream's Station, and sent to the hospital of Hill's corps, where he attended the Federal wounded for three days, after which he reported at Libby prison, and was soon exchanged. He served with his regiment at

Gettysburg, Manassas Gap, the Wilderness, Spottsylvania, Cold Harbor, and the skirmishes before Petersburg. At the close of the war he settled in Glassboro', N. J., where he has since been practising. For a year before his graduation he was a cadet at the West Philadelphia Satterlee general hosp. He married, May 26th, 1869, Elizabeth Fisher Shivers.

ALLEN, BENJAMIN W., Wheeling, West Va., was born in Kingwood, Preston co., Va., June 1st, 1824, of American parents. He was educated at the high school of Morgantown, Va., and at Washington coll., Pa., and studied medicine in the univ. of Va., and in private schools of Philadelphia, graduating in June, 1849. He located himself first at Kingwood, then at univ. of Va., and finally in Wheeling, in 1867, in general practice. In his surgical practice he has performed nearly every operation, major and minor; some of them on many occasions. He was formerly a member of the Am. med. asso.; of the Ohio co. med. soc.; and of the med. soc. of West Va. He is the author of various medical and surgical reports, written during the war, some of which, in an abbreviated form, appear in "The Medical and Surgical History of the War." He was demonstrator of anatomy at the univ. of Va. for ten years; is now phys.-in-ordinary to lunatics, of Ohio co., West Va., in confinement; and one of the surgeons in charge of St. Mary's hosp., Wheeling; also regent of the univ. of West Va. He was ass't surg. and then surg. in the general hosp. at Charlottesville, Va., until near the close of the war; then in "reserve surgical corps," and surgeon in charge of general hosp., Harrisonburg, Va. In 1850 he married Helen M. McCoy; she died in 1862. In Jan., 1872, he married Cornelia E., daughter of Matthias Jeffers, Esq., formerly of Wheeling, Va., now of Gallipolis, O.

PARKER, JOHN THOMAS, Buena Vista, Miss., son of Eleazar Parker and Mary (Carothers) Parker, of South Carolina, was born in Wilkinsville, Union district, S. C., March 3d, 1837. He was educated in the S. C. military school, and studied medicine in the Jefferson med. coll., Philadelphia, and S. C. med. coll., graduating at the latter in 1861. He settled first at Fort Mill, York district, S. C., subsequently removed to Indian Land, in the same district. In 1871 he settled at Buena Vista. He is a member of the Buena Vista and Houston med. soc., was its first president on its organization. In 1875 he was its secretary, and in 1876 vice-president; and is a member of the Miss. State med. asso., is now one of its vice-presidents. During the civil war he held the position of captain in the Confederate service. In Dec., 1866, he married Louisa, daughter of Minor Sadler, Esq., of York, S. C.; she died in July, 1876.

FARNHAM, HORACE PUTNAM, New York, son of Putnam J. Farnham and Rebecca Farnham, was born at Salem, Mass., May 7th, 1822. He graduated at Harvard univ. in 1843, studied law with Rufus Choate, and at the Dana law school of Harvard, graduating in 1846, and being admitted to practise in 1847. After spending 1855 and 1856 in Europe he began the study of medicine under a preceptor, attending one term, 1858–59, at the coll. of phys. and surg. of New York city, and one, 1859–60, at the Jefferson med. coll., Philadelphia, from which he graduated in the latter year, settling at once in New York, where he has since continued. He has always been a general practitioner; but of late years he has given his attention chiefly to diseases of the respiratory organs, more especially of the nose and naso-pharyngeal space and larynx. In 1861, 1862, and 1863, he was attending phys. to the northern dispensary in the city of New York. He is a member of the med. soc. of New York co., of which he has been treasurer since 1874; the New York med. asso., of which he was president in 1865; the Am. med. asso.; the Medical Journal asso. of the city of New York, of which he was treasurer from 1867 to 1873, when he resigned, vice-president in 1874, and has been trustee from 1875 to the present time; the New York medico-legal soc.; the New York neurolog. soc.; and the New York soc. of neurology and electrology; and fellow of the New York acad. of med., of which he is now treasurer, having been elected in Jan., 1877. He was married, Sept. 22d, 1862, to Eliza P., daughter of Isaac H. Cary, of Boston, Mass.

AUSTIN, HARVEY NAPOLEON, Arkansas Post, Ark., of mixed Irish and American parentage, was born in Oxford co., Canada West, March 9th, 1837. His literary education was obtained at the univ. of Mich. He graduated in medicine from the Albany med. school in 1859, and from the coll. of phys. and surg., New York, in 1865. He settled first at Lancaster, Schuyler co., Mo., removing to Stiles, Davis co., Iowa, in 1866, then to Arkansas Post in 1870, and finally to Auburn, Ark., in 1877. He is a member of the State med. asso. of Ark., and president

of the Lincoln co. med. soc. He held the position of regimental surg. in the provisional army of the Confederate States for three and a half years.

DAVIS, JAMES SHELTON, Iuka, Miss., son of James R. Davis and Elenora Davis, of Hanover co., Va., was born in Madison co., Ala., March 24th, 1819. He graduated in medicine at Jefferson med. coll. in 1855, and also received an *ad eundem* degree from the med. univ., at Louisville, in 1872. He located himself first in Limestone co., Ala., in 1840; in 1845 he removed to Marshall co., Miss. In 1865 he removed to Iuka. His practice is general, but has paid more attention to surgery and obstetrics than other branches. He is a member of the State med. soc. His contributions to medical literature have been published in the *New Orleans Medical and Surgical Journal*. During the war he served as a lieut. in Col. Faulkner's partisan rangers, afterwards as surg. 18th Miss. cavalry, in the Confederate States army. He was also a member of the Miss. State convention in 1861, and voted for the ordinance of secession. In July, 1838, he married Nancy E., daughter of Samuel Tanner, Esq., of Athens, Ala.

SALE, EUGENE PAUL, Aberdeen, Miss., son of Judge John B. Sale, of Miss., was born in Courtland, Ala., June 15th, 1845. He is a graduate of the med. dep't of the univ. of La., and attended lectures at St. Thomas' hosp. med. and surg. coll., London, graduating in 1868 at med. dep't univ. of La., and establishing himself in general practice in Aberdeen, but making a specialty of gynæcology and surgery. He is a member of the Miss. State med. soc. Among his contributions to medical literature is a case of "Ovario-Hysterotomy for the Relief of Extra-Uterine Fœtation," etc., *New Orleans Journal Medicine*, Oct., 1870, besides other articles on various medical and surgical subjects, published in the *American Journal of Medical Sciences*, *New Orleans Journal of Medicine and Surgery*, *Richmond and Louisville Medical Journal*, etc. During the civil war he belonged to the Southern army. In 1871 he married Mollie E., daughter of Dr. G. A. Sykes, Esq., of Aberdeen, Miss.

WATTS, EDWARD MAUPIN, Portsmouth, Va., son of Dr. Edward Moore Watts and Ann Eliza (Maupin) Watts—the former was the descendant of an English family, and the latter of Huguenot extraction—was born in Portsmouth, Va., April 23d, 1835. He received a collegiate education, and graduated M. D. at the univ. of Pa. in March, 1856. He settled in his native city. At the outbreak of the war he entered the provisional army of Va., and was commissioned ass't surg. by Governor Letcher, and was assigned to duty on the defences of Norfolk and Portsmouth; he was subsequently transferred to the Confederate army. On the evacuation of Norfolk and Portsmouth, in 1862, he was attached to the regiment of artillery, commanded by Col. J. Thompson Brown, and served with it until Aug., 1862, when he was promoted surgeon. In 1864 he was appointed brigade surg. of Simme's Ga. brigade, and continued as such until the surrender at Appomattox Court-house, where he was paroled. He participated in many battles. In 1869 he married Laura B., daughter of William H. Peters, Esq., of Portsmouth.

VAN MATER, DANIEL G., Columbus, N. J., was born at Holmdel, Monmouth co., N. J., June 27th, 1852. He received his literary education in Glenwood institute, Matawan, N. J., and at Rutgers coll., New Brunswick, N. J., and studied medicine at Bellevue hosp. med. coll., New York, graduating in March, 1875, and settling in Columbus. He is a member of the Burlington co. med. soc., and was its vice-president in 1877.

SCARFF, W. D., Bellefontaine, O., was born at Xenia, O., May 12th, 1819. Studied medicine in his native village; graduated in 1844, located in Bellefontaine, O., the same year, and has continued the practice there ever since. Was president of Logan co. med. soc. in 1876; was also first vice-president of the Ohio State med. soc. in 1876. Has contributed to medical journals occasionally, mostly to the *Lancet* and *Observer*. Was married in 1851 to Lois Whitehead.

DEERING, ALPHEUS ALBERT, Moingona, Ia., of English parentage, was born in Jackson, Me., July 8th, 1845. He was educated at Me. Wesleyan seminary, and graduated M. D. from Me. med. school, June 3d, 1868, settling at Moingona, Boone co., Ia. He is a member of the Central district med. asso. of Ia.; Ia. State med. soc.; and secretary and treasurer of the Central district asso. since 1875. In 1870 he married M. E. Clift, daughter of N. Clift, Esq., of Middletown, Vt.

MOUNTS, JAMES LEONARD, Morrow, Warren co., O., was born near Morrow, Warren co., O., Aug. 19th, 1831, of French-Huguenot ancestry. He was educated at Lebanon acad., and at the Ohio

Wesleyan univ., and studied medicine at the Starling med. coll., Columbus, O., whence he graduated M. D. in 1856, settling in Morrow immediately after. He is a member of the Lebanon med. soc., has been its president, vice-president, and secretary; a member of the Ohio State med. soc. He has published articles on "Cerebro-Spinal Meningitis and Diphtheria" in the *Western Journal of Medicine;* has been postmaster of Morrow sixteen years; was ass't surg. of the 31st Ohio and surg. of the 144th Ohio infantry during the war; and in Dec., 1858, married Martha W., daughter of James Smith, Esq.

GALE, ROBERT HARDIN, Louisville, Ky., was born, Jan. 25th, 1828, in Owen co., Ky. His father was a physician for many years in that county, and enjoyed a wide-spread reputation, having performed some original and successful operations in surgery. He is of Scotch-English origin. He attended school in his native county for a number of years, and finished his education at Transylvania univ., at Lexington. He studied medicine with his father; went to Jefferson med. coll., Philadelphia, in 1848; and received his degree in medicine in 1851. He soon after commenced the practice of medicine at Covington, Ky.; was appointed on the medical staff of the Commercial hosp. of Cincinnati. After one year's service in that capacity, returned to his native county; practised with great success for several years; was twice elected probate judge before he had reached his twenty-fifth year; became candidate for the legislature in 1859, and was elected by an opposition of seven votes in a voting population of twenty-four hundred. He served in that body on several important committees, and took an active part in its work during the troublesome times prior to the initiation of the civil war. From the first he took a decided stand for the South, and was a prominent member of the Democratic convention which met at Charleston, and afterwards at Baltimore, in 1860. When the war came on he entered the Confederate service as surgeon of Col. D. Howard Smith's regiment, remaining on active duty until failing health compelled him to return home. In 1873, at the solicitation of Gen. Eccles, president of Louisville, Cincinnati, and Lexington railroad, he accepted the position as agent and surgeon for that company. In 1874 he received a similar appointment under the Louisville, Paducah, and Southwestern railroad, still holding both positions. In 1876 he was elected as secretary of the Am. Mutual Benefit asso., whose offices are located at Louisville; became member of the State med. soc. in 1873; the Am. med. asso., 1873; was made one of its judicial council, and served the short term; was re-elected the following year at Detroit. In May, 1874, he was elected visiting surg., Louisville city hosp.; has been annually re-elected; and in 1876 was made president of the board of medical officers of that institution. He was the first physician in Owen co. to give ice-water in fever, where the patient had previously been on mercurial treatment; has been quite successful in numerous cases of lithotomy. He was married, Dec. 31st, 1846, to M. C. Green.

DAVIDSON, MATTHEW OLIPHANT, St. Charles, Ark., of Scotch-Irish descent, was born, April 28th, 1835, in Bedford co., Middle Tenn. He was educated at the male coll. of Leighton, Ala., and at that of Lawrenceburg, Tenn., and studied medicine in the med. dep't of the univ. of Nashville, from which he graduated in March, 1858. He settled first in Augusta, Ark., but removed to Van Buren in that State. Since the war he has practised in St. Charles, Ark., and Coahoma co., Miss. He is a member of the State med. soc. of Ark. In the *Nashville Journal* of Jan., 1876, he published a paper on "The True Theory of Malarial Diseases," which, as he contends, are due not to what is called malarial poison, but to "the change from excessive heat and moisture to excessive heat and dryness," the only poison in the case being "generated in the system by the arrest and drying up of superabundant secretion and excretion;" a theory which seems closely allied to the one, if not, indeed, the same, which Dr. Richardson, of England, in an essay read at the late session of the Sanitary institute of England, applies to communicable diseases in general, holding that the poison in all such cases is not a germ or anything else save a diseased secretion, deriving whatever characters of vitality it may have from the fact that it is a product of vital action. If the later theory, as appears probable, is but an expansion or new application of the former, the chief credit of it would seem to belong to our Arkansas physician, who has acted upon and advocated it for the last eight or ten years. He was a captain of cavalry in the Confederate army. He has been once married, but is now a widower.

LAMSON, D. LOWELL, Fryeburg, Me., of Scotch ancestry, was born in Hopkinton, N. H., June 18th, 1834. He was educated at Hopkinton, N. H., and Fryeburg, Me., acads., and pursued the study of medicine in the univ. of New York, graduating in March, 1857, and settling in Fryeburg. He

is a member of the Am. med. asso., and of the Me. med. asso.; was vice-president of the latter in 1872, and one of its board of censors in 1876. He is the author of a work on "Differential Diagnosis" (preparing) for students and young practitioners; is the inventor of an adjustable gauge spring vaccinator, and also of several mechanical appliances in surgery. In 1862 he was appointed State exam. surg. for volunteers and drafted men, and in 1864 U. S. pension exam. surg. In Sept., 1858, he married Henrietta A. Greene, daughter of Roscoe G. Greene, Esq., of Portland, Me. She died in 1865. In Dec., 1870, he married Mrs. S. M. Chipman, of Robbinston, Me.

NORRIS, JAMES THOMAS, Brenham, Texas, son of William Norris and Ann (Bishop) Norris, was born in Prince Ann co., Va., July 30th, 1829. He studied medicine under Dr. John P. Key, of Brenham, in 1847; at the univ. of La., in 1850; and at Jefferson med. coll., Philadelphia, from which he graduated M. D. in 1852. He is a member of the Washington co. med. asso. of Texas; of the State med. asso., and Am. med. asso. He is also president of the county med. soc. His contributions to medical literature consist of reports of cases to the county and State med. assos. He has been health phys. of Brenham for three years, and during the war was surg. 21st Texas cav., Confederate States army, and also served in the trans-Mississippi dep't. In Dec., 1863, he married Fanny Early, of Alabama.

POLLAK, SIMON, St. Louis, Mo., was born in Prague, Bohemia, April 14th, 1816. He was educated in the univs. of Prague and Vienna, Austria, and graduated in 1836. After visiting the hospitals of Germany, France, Italy, and England, he came to this country and settled in Nashville. In 1845 he located himself in St. Louis. In 1860 he visited all the principal medical colleges and hospitals in the United States, and again visited Europe, where he spent twenty-two months in the study of ophthalmology. He is a member of the British asso. of science and arts; of the St. Louis med. soc.; of the academy of science of St. Louis, and of the Am. med. asso. He is the author of numerous articles in the medical journals of the United States, Germany, and Paris. He is founder, physician, and trustee of the Mo. institution for the education of the blind, and clinical lecturer on diseases of the eye and ear, in the St. Louis hosp. since 1861. During the war he was a member of the U. S. Sanitary Commission, and of the Western Sanitary Commission, besides holding the position of hospital inspector. He married in 1863 a daughter of Samuel Perry, Esq., of Cincinnati; has two sons, thirteen and eleven years of age, respectively.

BOSWELL, JOHN, Salem, Oregon, descended from English Quakers, was born, April 26th, 1811, at Barnesville, Belmont co., O. He was educated principally at home by his father, who was a classical scholar, and graduated from the Starling, O., med. coll. in 1851. He practised as a licentiate sixteen years before taking his degree, beginning in 1835 at Thorntown, Ind., whence he moved, in 1840, to Athens, O., thence in 1855 to Iowa, and in 1862 to Oregon. He was a member of the Wayne co., Iowa, med. soc., of which he was at one time president; and is a member of the first medical society established in Salem, Oregon, of which he has been president. For six years he filled the chair of obstetrics and diseases of women in the med. dep't of the Willamette univ. at Salem; he is now emeritus professor, and for one year was president of the faculty. He married March 16th, 1832.

HARTT, GEORGE CULVER, Little Rock, Ark., the fifth in direct descent from a line of physicians all named George, the first being an Irish surgeon, whose son and grandson removed from Maryland and settled in Kentucky, son of Dr. George Culver Hartt, of Boonville, Mo., was born in Boonville, Aug. 7th, 1826. His classical education was obtained at the St. Louis univ., and his medical studies were pursued at Transylvania univ., the Mo. univ., the univ. of Louisville, and St. Louis med. coll., graduating M. D. from the latter in 1857. He practised his profession first at Sacramento City, then at the mines in California, in central Mo., and finally at Little Rock. He is a member of the local and State med. socs. of Ark., having been vice-president of the latter, and of the coll. of phys. and surg. at Little Rock, of which he was first president; also of the Am. med. asso.

OLIVER, MATTHEW HOWELL, Ennis, Ellis co., Texas, was born in Columbia, S. C., Sept. 1st, 1833. He was educated at Columbia Odd Fellow academy, and studied medicine with J. G. and W. F. Westmoreland, of Atlanta, and matriculated at the med. dep't of the univ., Nashville, Tenn., and graduating in March, 1855. He located himself first at Atlanta, Ga., then in Alabama, and lastly in Texas. His practice is general, but his specialty is the treatment of chronic diseases. In 1855 he was vice-

president of the Æsculapian society of the Atlanta med. coll., in which he was admitted the same year *ad eundem gradum*. He was a member of the Atlanta med. soc., and was elected one year its president; of the Georgia med. asso.; he is a member of the Ellis co. med. asso., its vice-president in 1869, and president in 1873; of the Texas State med. asso., its vice-president in 1874; he represented the State of Ga. in the Am. med. asso. in 1857, and the Texas State med. asso. in 1875. He was formerly prosector to the professor of surgery and dispensing phys. in Atlanta med. coll. from 1855 to 1859. During the war he was ass't surg. Confederate States army, and was captured at the battle of Shiloh. In 1862 he married Caroline, daughter of A. M. and A. E. DeBardeleben of Ala., who died in 1870. In Feb., 1873, he married Lunette, daughter of T. W. and M. A. King, of Waxahashee, Texas.

KEATING, WILLIAM V., born in Philadelphia, April 4th, 1824. His father, Jerome Keating, a knight of St. Denis, emigrated to this country from France, and was afterward married to an American lady. Was educated at St. Mary's coll., Baltimore; studied medicine at the univ. of Pa., graduating 1842; after graduation settled in Philadelphia, his native place, and has ever since remained there. Is a member of the coll. of phys., Am. philosophical soc., acad. of natural sciences, director of the Philadelphia saving fund, member of the co. med. soc.; he is the American editor of "Ramsbotham's Midwifery" and "Churchill on Diseases of Women;" has always made a specialty of diseases of women; first introduced the colpeurynter as an artificial bag of water in labor. For ten years taught in a summer medical school; in 1860 was elected prof. of obstetrics in the Jefferson coll., in place of Dr. C. D. Meigs, but was compelled by the failure of his health to resign in a few months; and phys. at St. Joseph's hosp. and St. Joseph's orphan asylum. For three years from 1862 was med. director of the U. S. army hosp. at Broad and Cherry streets; previous to that was connected with the staff of the Satterlee hosp. (Both hospitals were in Philadelphia.) Was married in 1851 to the daughter of Dr. René La Roche.

KELLS, ROBERT, Jackson, Miss., was born at Claverack, Columbia co., N. Y., June 19th, 1820; educated at Claverack academy, graduated in medicine from the Albany med. coll. in 1841, and settled first in Grand Gulf, Claiborne co., Miss.; then Edward's Depot, Hinds co., and finally at Jackson, in general practice, but making a specialty of uterine diseases. He was treasurer of the State med. soc. in 1876–77, and is now president of the State board of health. He held the position of sup't of the State lunatic asylum from 1859 to 1865, and phys. to the Miss. State penitentiary for two years; he is also director of the Jackson high school corporation. In Jan., 1846, he married Mary Montgomery, daughter of Dr. M. W. Phillips, of Hinds co., Miss.

DUNHAM, WILLIAM RUSSELL, Keene, N. H., was born at Chesterfield, Cheshire co., N. H., Dec. 15th, 1833. He studied medicine at Berkshire med. coll., Mass., and Harvard univ., and graduated M. D. from the latter in 1865, settling at Westmoreland, N. H., and removing to Keene in 1876. He is a member of the Conn. river valley med. soc., and has been its vice-president. Among his contributions to medical literature is a volume entitled, "Theory of Medical Science: the Doctrine of an inherent Power in Medicine a Fallacy—claiming that a Revolution in Medical Philosophy is imperative in order to harmonize with the correct theory of Vital Force." In Jan., 1858, he married Mary A. Prentice, who died in Sept., 1871. June, 1876, he married Maria J., daughter of Jotham Paine, Esq., of Westmoreland, N. H.

BLAKE, CLARENCE J., Boston, Mass., born in that city in Feb., 1843, graduated at Harvard med. school in 1865, received the Vienna degree of obstetricæ magistrum in 1867, and commenced practice in Boston in 1869. He is a member of the Mass. med. soc.; and of the Am. otological soc., elected its president in 1876; and fellow of the Am. asso. for the advancement of science. He is lecturer on otology in Harvard univ., and aural surg. of the Mass. charitable eye and ear infirmary. Was a member of the International medical congress in Philadelphia, 1876; chairman of the section on otology.

MATHER, WILLIAM H., Suffield, Conn., descended from the Puritanic stock of Rev. Richard Mather, first pastor of Dorchester, Mass., and of Cotton Mather, D. D., was born in Windsor, Conn., March 15th, 1834. His literary and classical education was attained at Suffield literary institution, East Hampton, Mass., and Yale coll., whence he graduated in 1857; and he graduated in medicine from the New York med. univ. in 1862. He settled first at Brooklyn; afterwards entered the army as ass't surg. to the 173d N. Y. vols., serving altogether four years in the department of the Gulf, and under Gens. Banks, Canby, and Sheridan, acting

surg. and brevet lieut.-col. U. S. army. He removed to Suffolk, Conn., in 1871. He is a member of the Hartford co. med. soc. In Sept., 1868, he married Libbie, daughter of Asel Beebe, Esq., of Bethel, Conn.

FORTNER, BENJAMIN FRANKLIN, Fayetteville, Ark., son of Melfort F. Fortner and Margaret (Gibson) Fortner, was born in Dallas co., Texas, Aug. 15th, 1847. Among other schools he was educated at Cane Hill acad., and began the study of medicine under Dr. W. B. Welch, attending lectures at the Missouri med. coll., and at the univ. of Nashville, graduating M. D. from the latter in Feb., 1872; settled first at Boonsboro', in business with his preceptor, then in Hico, Houston co., Ark., and finally in Fayetteville, in partnership with Dr. Thomas J. Pollard. His practice is general, but his preference is for surgery. In this branch he has successfully performed œsophagotomy, embryotomy, podalic version, major operation for reducing strangulated hernia, etc. He is a member of the Am. med. asso.; of the State med. soc. of Ark.; of the Benton co. med. soc., is now its president; secretary of the district med. soc. of northwest Ark., and secretary of the Washington co. med. asso. He is the author of an article on "Post-partum Hemorrhage," read before the State med. soc., and published in the *Virginia Medical Monthly*, Sept., 1877. In Oct., 1874, he married Jennie, daughter of Caldeen Gunter, Esq.. of Benton co.

HINER, SOLOMON B., Lima, O., was born in Dalton, Wayne co., Oct. 9th, 1837. He graduated from the Ohio med. col., Cincinnati, in March, 1864, having previously resided in Pioneer, William co., O. He settled in Lima in June, 1865. He is a member of the Ohio State med. soc.; vice-president of the northwestern Ohio med. asso., and secretary of the Allen co., O., med. soc. His contributions to medical literature have consisted of numerous papers read before the county and other societies. He was a surg. in the U. S. army from 1864 to 1865, on duty at asylum general hosp., Knoxville, Tenn. In Sept., 1861, he married S. J. Thorpe, daughter of Colon C. Thorpe, Esq., of Bryan, Ohio.

PETER, ARMISTEAD, Georgetown, D. C., son of Major George Peter, who entered the U. S. army in 1799, and was also member of Congress from Maryland, was born in Montgomery co., Md., Feb. 23d, 1840. His early education was obtained both in schools andunder private teachers, and he studied medicine at the National med. coll., D. C.; med. dep't of Columbia univ., graduating Feb. 21st, 1861, and settling in Georgetown in general practice. He is a member of the Am. med. asso.; of the med. soc. of the D. of C., and of the med. asso. of the same; also one of the counsellors of the med. asso., and vice-president of the alumni asso. of the National med. coll. He is the author of a few articles in the *American Journal of Medical Sciences*. He was for several years member of the Georgetown board of health; was small-pox phys. to the poor during 1866, and during the war was acting ass't surg. of U. S. army, in service at Seminary hosp., D. of C., as ward surg., and afterwards in charge of the building; he was ordered to and opened Water's warehouse hosp., but returned to the former position in a few days at his own request. He is one of the directors of the Potomac fire insurance company. In 1867 he married Martha C., daughter of Commodore Beverley Kennon, U. S. navy.

BEVAN, THOMAS, Chicago, Ill., was born in Cincinnati, June 11th, 1830. Having graduated in medicine in 1851, from the med. coll. of Ohio, he continued his professional studies during the two years ensuing, at the med. dep't of the univ. of France, and in 1853 returned to America and established himself at Chicago in 1854. Since 1865 has been one of the attending staff of the Cook co. hosp. From 1867 to 1873, was prof. of hygiene in Chicago med. coll., and since 1873 has been prof. of clinical medicine in the same institution. Of his more important publications may be mentioned reports on "Cholera," in 1866 and 1873, and a series of monographs on "Sanitary Science," the latter now, 1878, in course of preparation for publication in book form. He is a member of the Am. med. asso.; Ill. State med. soc.; one of the founders of the med. press and library asso. of Chicago; one of the founders of the Chicago medico-historical soc.; soc. of phys. and surg., etc. Was one of the post surg. at Camp Douglas during the late war. Was married, 1853, to S. E., daughter of the late Col. George Ramsey, of Clermont co., O.

SELDEN, WILLIAM, Norfolk, Va., was born in Norfolk, Aug. 15th, 1808. He is the second son of Dr. William Boswell Selden, of Norfolk, who practised for fifty years in that city, and grandson of the Rev. William Selden, of Hampton, Va. After attending school in his native city he entered the univ. of Va., and subsequently took his medical degree from the univ. of Pa. in March, 1830. After completing his studies

by spending two years in attendance in the hospitals of Paris and London, he established himself in practice at Norfolk, where he now resides. He is a member of the State med. soc. of Va., and of the med. soc. of Norfolk. Among his contributions to medical literature is a report on the "Yellow Fever in Norfolk and Portsmouth in 1855." From 1863 to 1865 he was a surg. in the Confederate army. He was married in 1836 to Lucinda, daughter of Dr. Daniel Wilson, of Louisville, Ky.

McREYNOLDS, JOHN OLIVER, Elkton, Ky., son of James C. McReynolds and Mary B. McReynolds (cousins), both of Scotch-Irish descent, was born in Campbell co., Va., March 30th, 1827. He was educated at a private school in Christian co., Ky., and studied medicine at the Jefferson med. coll., graduating in March, 1849. He located himself first at Elkton, then removed to St. Louis, Mo., but finally returned to Elkton and established himself there. His practice is general, but his specialty is surgery and gynæcology. In this branch of the profession he has performed, with success, some of the more important operations. He claims to be among the first to use the aspirator, having applied it for paracentesis thoracis, Nov. 10th, 1872; and he has frequently used it since in a variety of cases, and for tapping the bladder. He is a member of the Ky. State med. soc., and of the board of med. examiners for the 4th district of Ky. After the battle of Fort Donelson he had charge of the military hosp. at Clarksville, Tenn. In Jan., 1853, he married J. P., daughter of Henry Given, Esq., of Logan co., Ky. She died in Aug., 1853. In Jan., 1859, he married Ellen M., daughter of Davis C. Reeves, Esq., of Elkton, Ky.

PRIOLEAU, JACOB FORD, Charleston, S. C., of Italian and Huguenot ancestry, son of Prof. Thomas G. Prioleau, M. D., and Mary H. (Ford) Prioleau, was born in Charleston, April 30th, 1826. He was educated in private schools, and at the Charleston coll., receiving his A. B. in 1845, and A. M., 1848, and studied medicine in Charleston, Philadelphia and New York, and graduated M. D. at the med. coll. of the State of S. C. in 1847. He settled first near Stockton, Cal., in 1849, but returned to Charleston in 1851. His practice is general, but his specialty, if any, is gynæcology, although in surgery he has successfully performed many of the capital operations. He is a member of the Am. med. asso.; of the S. C. med. asso., its vice-president in 1873; and of the med. soc. of S. C., its vice-president in 1869, and president in 1871 and 1872. His few contributions to medical literature are published in the *American Journal of Medical Sciences*, in the *Charleston Medical Journal*, Transactions of S. C. med. asso., etc. He was phys. to the Charleston almshouse and city hosp. from 1852 to 1854; phys. to the Roper hosp. from 1838 to 1861, and from 1866 to its closure in 1870. He was lecturer at the Charleston med. institute in 1851 upon diseases of women and children, which he resigned in 1856; elected prof. of obstetrics in the med. coll. of S. C. in 1871, and to the chair of gynæcology in the same institution in 1872, and ex-officio consulting obstetrician and gynæcologist to the Charleston city hosp. He was surg. in the provisional army of the Confederate States, attached to the 12th reg. S. C. infantry, a portion of Stonewall Jackson's corps; also in 1863 surg. in charge of hosp. No. 2 at Columbia; surg. detailed to take charge of yellow fever hosp. in Charleston in 1863; in charge of Pikeville hosp. in 1865, and of the Chester, S. C., hosp. till late in 1865. In 1851 he married Elizabeth Huger, daughter of Col. Edward Harleston, of Charleston, S. C.

HODGE, JOSEPH ANTHONY, Henderson, Ky., son of Edwin and Nancy S. (Hughes) Hodge, was born Feb. 2d, 1829, in the county of Livingston, Ky. Graduated in the med. dep't univ. of Louisville, Ky., March, 1850. Practised medicine in Marion, Crittenden co., Ky., until 1863, when he moved to Henderson, Ky., where he still pursues his profession as a general practitioner. Is a member of the Henderson med. club, McDowell med. soc., Am. med. asso., and ex-president of the Ky. State med. soc.; also a member of the State board of med. examiners. Married Susan A., daughter of Dr. Rufus Linthicum, of Ky., Dec. 4th, 1851.

BLAKE, JAMES D., Palmyra, Iowa, was born in Olive, Noble co., Ohio, Nov. 28th, 1838. He was educated at Marietta coll., and studied medicine at Columbus, O., Starling med. coll., whence he graduated M. D. in 1869. He settled first at Lowell, O., in partnership with Dr. Eshelburg, and subsequently removed to Palmyra. His practice is general, surgery, however, and diseases of the eye, being his specialty. He has performed nearly all the capital operations with success. He is a member of the Noble co., O., med. soc.; of the Warren co. med. soc., Iowa, has been president, vice-president, treasurer and secretary of both; and a member of the Iowa State med. soc. His contributions to medical literature have

been "Puerperal Fever: its Causation and Treatment," *Richmond and Louisville Medical Journal*, Dec., 1876; "A Case of Poisoning and Death with Veratrum Viride," *American Medical Weekly*, Nov., 1874. "Case of a White Girl, Twelve Years of Age, Giving Birth to a Mulatto Child Weighing Nine Pounds," *American Medical Weekly;* "No Humbuggery," *Warren Record*. Articles contributed to medical societies: "Inflammation: its Etiology;" "Tubercular Consumption;" "Typhoid Fever of the West;" "Spinal Concussion;" "Railway Spine;" "Anencephalus Monster, with Drawing," *American Bi-Weekly Medical Journal;* "Abscess of the Womb," etc. In April, 1863, he married Hannah E., daughter of James Kelly, Esq., of Zanesville, O.

THOMAS, FREDERIC SMITH, Walnut, Pottawattamie co., Iowa, of English and German ancestry, was born at Chatham Four Corners, Columbia co., N. Y., Sept. 23d, 1845. His literary education was obtained at Warsaw, Ill., high school, and his medical education at the coll. of phys. and surg., Keokuk, Iowa; he graduated in Feb., 1870. He located himself first at Bentonsport, Iowa, and subsequently at Macedonia and Atlantic, and finally at Walnut. He was formerly a member of the Iowa State med. soc., and is a member of the Botna Valley med. soc. He is the author of an article on "The Use of Chloral Hydrate in Tedious Labors," published in the *American Journal of Medical Science* for Oct., 1874. During the war he was a private in Company A., 137th Ills. vols., and from 1873 to 1875 held the position of coroner of Pottawattamie co. In Oct., 1873, he married Mary E., daughter of John Ferrier, Esq., of Atlantic, Iowa.

ROSS, GEORGE, Richmond, Va., of Scotch descent, was born in Culpepper co., Va., Oct. 22d, 1838. His professional education was received in the univ. of Va., whence he was graduated M. D., July 4th, 1861. Since 1865 he has been established at Richmond. He is a member of the Richmond acad. of med., and of the Va. State med. soc. His professional publications have been confined to clinical reports in the *Virginia Medical Monthly*. From 1868 to 1874 he was adjunct prof. of surg. in the Richmond med. coll., and since 1872 has been a member of the Va. State board of health. In Oct., 1861, he was commissioned a surgeon in the Confederate States army, and during the two ensuing years was assigned to hospital duty; in July, 1863, he was made ass't med. director of the 3d army corps, on Gen. A. P. Hill's staff; and from Feb., 1864, till the end of the war was ass't surg. to the corps of cadets at the Va. military inst. He is med. examiner to the Universal life insurance company of New York, and med. adviser to the Piedmont and Arlington life insurance company of Richmond. He married, Feb. 20th, 1863, Annie E., daughter of Jas. A. Beckham, Esq., of Culpepper co., Va.

HANAWALT, GEORGE P., Des Moines, Iowa, of American parentage and German ancestry, was born in Ross co., O., Sept. 11th, 1836. He was educated in Ohio, and studied medicine in the Georgetown med. coll., Washington, D. C., graduating M. D. in 1864. He settled at Des Moines, in 1868, in general practice, but giving his attention principally to surgery. He is a member of the med. soc. of the District of Columbia; also member of the alumni soc. of Georgetown coll., and was its vice-president in 1869–70; was secretary of the Iowa State med. soc. from 1870 to 1873, and is president of the Polk co. med. soc. He was hospital steward in the U. S. army from 1862 to 1864; upon receiving the degree of M. D. he was discharged for promotion, to act as ass't surg., U. S. army, in March, 1864, in which position he remained till 1868, when he resigned. He holds the position now of surg. 3d reg. Iowa N. G. He is a member of the board of examiners for pensions; is division surg. of the Chicago, Rock Island & Pacific Railway company, and surg. of the Des Moines & Fort Dodge railway company. In Oct., 1871, he married Emma Agnes, daughter of James C. Jordan, Esq., of Des Moines.

RENFRO, J. C. B., La Grange, Texas, was born, Oct. 26th, 1835, in Dade co., Mo. His father was a Kentuckian of the old stock, and his mother was a Tennesseean, both of good families. He received in his youth an ordinary English education, which he has since improved by his own exertions. Beginning to read medicine at twenty, he settled to its study in 1869, and graduated in medicine at the univ. of La., March 19th, 1872. He then lived in Cistern, Fayette co., Texas, where he had practised for five years previously. After his graduation he removed to his present residence, La Grange. He has made a specialty of the diseases of women and children and obstetrics, and has performed successfully a number of capital operations, and a great many minor ones. He is a member of the Texas State med. asso., and of the Fayette co. med. soc., in whose organization he was the chief mover, and of which he was elected the first president, being

at this time its corresponding secretary. Under the law governing the practice of medicine in Texas, he was for two years president of the med. board of examiners. He is and has been for the last four years, president of the board of health of La Grange. He married in April, 1865.

CUSHING, JOHN S., Skowhegan, Me., was born in Skowhegan, July 26th, 1830. Having completed his preliminary education at Bowdoin coll., he entered the Harvard med. school, and was graduated thence M. D. in 1858. For a year and a half after his graduation he was engaged in practice at Athens, Me.; was established at Sidney, in the same State, from 1869 to 1871, and since the year last stated has been established at Skowhegan. He is a member of the Me. med. asso., and of the Somerset med. asso., president of the latter in 1875. Since 1876 he has been a trustee of the Me. State insane hosp. During the late war he served as ass't surg. to the 21st Me. reg. In 1870 he represented his district in the State legislature. He married, April 15th, 1858, Josephine A. Paine, of Skowhegan, who died Nov. 11th, 1876.

BARNETT, JOHN FREDERICK, West Haven, Conn., son of William N. and Mary S. Barnett, was born at West Haven, June 26th, 1846. His professional education was received at the Yale med. institution, whence he was graduated M. D. in July, 1869. In Nov., 1872, he established himself at Brooklyn, N. Y., removing thence to West Haven, in March, 1875. He is a member of the Kings co. med. soc.; of the New Haven co. med. soc.; and of the Conn. State med. soc. Since April, 1875, he has been a member of the West Haven school board. From Aug., 1869, to March, 1870, he was house phys. and surg. to the Hartford, Conn., hosp.; and from Dec., 1872, to March, 1875, was attend. phys. to the Brooklyn central dispensary.

MERRIAM, LAURESTON ALPHONSO, Cresco, Howard co., Iowa, of New England parentage, was born at Malone, Franklin co., N. Y., Dec. 7th, 1843. His classical and scientific education was obtained at Franklin acad., Malone, whence he graduated in 1867, continuing his studies at the univ. of Mich., from which he received his degree of M. D. in March, 1873. In April, 1873, he was married, and settled in Cresco, Iowa, the same year. In June, 1873, he was elected a member of the north Iowa med. soc., has been its secretary, treasurer, and vice-president, and is now its president. He is also a permanent member of the Iowa State med. soc., and secretary and treasurer of the Howard co. med. soc., organized in Oct., 1877.

DARLING, LEWIS, Sr., Lawrenceville, Pa., was born, March 5th, 1804, at Woodstock, Vt., his parents being Seth and Chloe (Marsh) Darling, who were of English ancestry. After a preliminary education in the Woodstock, Vt., acad., he entered Dartmouth (N. H.) med. coll., from which he graduated in 1829, receiving the degree of M. D. He commenced practice at Wellsboro', Pa., and subsequently removed to Lawrenceville, Tioga co., Pa. For forty-seven years he has been in active practice. Commencing his professional career in a wilderness country he was obliged for the first twenty years to take long rides upon horseback to reach the widely-scattered population of his county. He is an honorary member of the Tioga co. med. soc. In 1871 he was appointed pension surg. of the district in which he resides, and still holds the position. In the late civil war he entered the U. S. army as surgeon, with the rank of major, of the 161st New York vols., and served in the department of the Gulf, under Gen. Banks. He was married, Oct. 17th, 1831, to Lucy M., daughter of Capt. Luke Parsons, of the cavalry, in the war of 1812.

DARLING, LEWIS, Jr., Lawrenceville, Pa., was born at Lawrenceville, Tioga co., Pa., Oct. 19th, 1840. His family is of English extraction, though his parents are natives of Vermont. He was educated partly at the Lawrence acad., and partly under private tutors, and pursued his medical studies at the Bellevue hosp. med. coll., and univ. of Mich., graduating March 28th, 1866. He first settled at Cincinnati, O., from which he removed to Lawrenceville, Pa., where he has since remained. He is a permanent member of the State med. soc.; a member of the Elmira acad. of medicine; of the Tioga co. med. soc., of which he was elected president, June, 1876; and of the medico-legal soc. of Tioga co., of which he was chosen secretary, Jan., 1876. His contributions to medical literature have been made through the Transactions of the various societies of which he is a member, and through the columns of medical journals. In the civil war he served as surg. for three years in the army and navy of the U. S. He was married, Jan. 1st, 1866, to Julia L. Day, of Hartford co., Conn.

BRANTLEY, FRANKLIN MARION, Senoia, Ga., son of Edmund Brantley, of Scotch descent, was born in Baldwin co., Ga., July 24th, 1818. He was educated at Corinth, Ga., under Wm. Wilde, Jr., an alumnus of Yale, and graduated from the med. coll. of Ga., at Augusta, in 1845. His place of first settlement was Rocky Mount, Ga., where he practised until 1874, when he removed to Senoia, his present residence. He is a member of the med. asso. of Ga.; and of the med. asso. of Senoia, of which he is president. He has written on medical history generally, and specially on typhoid fever and spinal disease. He has served as a representative in the Georgia legislature, and as a member of the State constitutional convention. He was married in 1843, and has eleven children, three daughters and eight sons, of whom the eldest is a graduate of the Atlanta med. coll.

WHITE, JOHN B., Saginaw City, Mich., was born in Pompey, Onondaga co., N. Y., Jan. 13th, 1826. He studied medicine with Dr. H. B. Moore, of Manlius, N. Y., at the Geneva med. coll., and graduated at the Philadelphia coll. of med., July, 1852, and in the spring of 1860 received an *ad eundem* degree from the med. dep't of Pa. coll. He first settled in Manlius, N. Y., in practice with his preceptor, removing to Saginaw, Mich., in 1854. His practice is general, but he devotes himself especially to gynæcology. He is a member of the Saginaw co. med. soc., and has been twice elected its president, and is first vice-president of the Mich. State med. soc., and a permanent member of the Am. med. asso. In June, 1853, he married Harriet Edwards, daughter of Curtis Twitchell, Esq., of Manlius, N. Y.

LEONARD, WILLIAM LEWIS, Winterset, Iowa, oldest son of Byram and Abigail Leonard, was born in Knox co., O., Oct. 6th, 1823. He was educated in the Fredericktown (O.) acad., and the Norwalk (O.) coll., and graduated from the med. coll. of Ohio in 1852, and from the Jefferson med. coll. at Philadelphia in 1874. He began the practice in Chesterville, O.; but after one year removed to Cheviot, O., and formed a partnership with his former preceptor, Dr. M. H. Litzenburg, remaining there till the fall of 1859, when he settled in Winterset, Iowa. In 1855 he, in conjunction with his partner, removed successfully an ovarian tumor weighing forty-five pounds, and was the first in his locality to apply the Esmarch apparatus in amputations and the treatment of varicose ulcers, and Sayre's plaster-jacket in Pott's disease. He is a member of the Iowa State med. soc., and of the Madison co. med. asso., of which he was elected president, July 3d, 1873, and secretary, Jan. 6th, 1876. He published in the *Cincinnati Clinic* of May 22d, 1875, a review of an article on "Malpractice." He has been the county treasurer of Madison (Iowa) co. for one term. From Sept., 1862, to April, 1863, he was ass't surg. of the 39th Iowa vol. infantry, after which he was appointed post surg., at Corinth, Miss., on the staff of Gen. G. M. Dodge, in which position he continued till Oct., 1863, when he was commissioned surgeon of the 7th Ill. vol. infantry, with which he remained in that capacity to the close of the war. He married Elizabeth Young, of Knox co., O., Dec. 5th, 1843.

LAKE, JOHN, Edgefield, S. C., was born in Newberry co., S. C., April 28th, 1809. He is a son of Joseph and Jane Lake, of Maryland descent. He received a good academical education at the high school of Cokesbury, S. C., and graduated in medicine from the univ. of Pa., in 1831. He settled in Edgefield, and has practised there since his graduation. He has had an extensive practice, especially in midwifery, in which he has attended over one thousand cases. He is a member of the Edgefield med. soc., of which he was president for three consecutive years, and of the med. asso. of S. C., of which he was vice-president in 1873. He has been a contributor to the *Augusta Medical Journal*, edited by Prof. Paul Eve, and also to the *Charleston Medical Journal*. In 1848 he was elected to the legislature by the largest vote ever cast in the county; and two years later, without solicitation on his part, was elected to the convention called for the purpose of declaring the secession of the State, a purpose not carried out until ten years afterwards. He was married, Sept. 15th, 1833, to Sophia A. Blocker, and has two sons and three daughters.

DICKSON, JOHN, Pittsburgh, Pa., was born in Cecil co., Md., May 24th, 1812, his parents, John and Mary Dickson, being of Scotch-Irish descent. After a preparatory course he entered the academy in Clinton, Pa., whence he graduated at the age of sixteen, and immediately became teacher in the district school of Allegheny co. He attended medical lectures for two years in New York, and graduated from the N. Y. univ. Beginning practice in Sewickley, Allegheny co., Pa., he removed, ten years later, to Pittsburgh, retaining, however, his Sewickley practice. After the lapse of an-

other ten years he returned to Sewickley, but without resigning his Pittsburgh practice. He was married, in 1840, to Mary Way, and has had eight children. Two, John S. and Joseph H., both graduates of Jefferson med. coll., Philadelphia, are physicians, associated with their father in practice.

ATWOOD, FRANCIS, St. Paul, Minn., was born in Franklin, Mass., Aug. 20th, 1846. He graduated from Exeter acad. in 1864, from the academic dep't of Harvard coll. in 1869, and from the med. dep't of the same institution in 1873. After serving one year as ophthalmic interne in Boston city hosp., and passing a year of study in Europe, he settled in St. Paul. His specialty is diseases of the eye and ear. He is a member of the Boyleston med. soc., and was its vice-president in 1872–73; also member of the Mass. State med. soc., and of the Minn. State med. soc. He is the author of an article on "Ophthalmology" in the Transactions of the Minn. med. soc., 1866 and 1867. He holds the position of surg. to Minn. eye and ear infirmary of St. Paul. In Sept., 1876, he married Emma Colhoun, daughter of Samuel Colhoun, Esq., of St. Paul.

BLACKFORD, BENJAMIN, Lynchburg, Va., son of the late Dr. Thomas T. Blackford, of that city, was born in Luray, Page co., Va. He began his medical studies in the univ. of Va., and finished them in Jefferson med. coll., Philadelphia, from which he graduated in March, 1855, and was appointed resident phys. to Philadelphia hosp., Blockley, in the spring of 1855. From the spring of 1857 to the breaking out of the war between the States, in 1861, he practised in Lynchburg, to which, after the close of the war, he returned, making it his permanent home. He is a member of the Lynchburg med. asso., and of the med. soc. of Va. He has been a frequent contributor to the medical journals. Upon the secession of Virginia, after the bombardment of Fort Sumter, he was ordered to Richmond by the surgeon-general of the State, and assigned to duty as one of the medical officers of the camp of instruction. He was appointed surgeon in the Confederate army, and ordered to Manassas Junction in charge of the 11th Va. reg., which was the first body of troops ordered to that post. Afterwards he was detached from his regiment by order of Gen. Beauregard, and established a general hospital at Culpepper Court-house. After the first battle of Manassas he was ordered on duty with the medical director of the army of northern Virginia at Manassas; subsequently he was assigned to duty as surgeon-in-charge of the general hospitals at Front Royal, Va., which he established, and was the surgeon-in-charge until the spring of 1862, when the army of northern Virginia went to the peninsula to meet McClellan's army, and then he was ordered to establish the general hospitals at Liberty, Va., of which he remained in charge till the end of the war. He was married, in 1871, to Mrs. Emily Byrd, daughter of the late Robert Neilson, of Baltimore.

BURDETT, ABRAHAM S., Hackensack, N. J., was born at English Neighborhood, Bergen co., N. J., Nov. 6th, 1830. His professional education was received at the New York coll. of phys. and surg., whence he was graduated M. D. in March, 1852. From 1851 to 1853 he was ass't phys. to the Kings co., N. Y., hosp.; in the latter year established himself in private practice at Fort Lee, N. J.; removed thence in 1857 to Fairview, N. J.; was deputy health officer, port of New York, from 1863 to 1867; and since the latter year has been established at Hackensack. He is a member of the Bergen co. med. soc.

WRIGHT, ARTHUR L., Carroll City, Iowa, son of David H. Wright and Hannah B. Wright, was born in Madison, Wis., Jan. 17th, 1851. His literary education was received at the State univ. in Madison, and his medical education at the Rush med. coll. He graduated from the latter in Feb., 1874, and settled at Carroll, Iowa. He is a member of the Iowa State med. soc.; president of the central district med. asso. of Iowa, was vice-president in 1876. He is the author of a "Report of a Case of Epithilioma of the Prepuce, and a Singular Anatomical Vagary," in *Chicago Medical Journal*, Sept., 1875.

MINER, GARRY H., Morris, Conn., was born in Woodbury, Conn., Dec. 29th, 1802. He studied medicine at Yale med. coll., and graduated M. D. from that institution in March, 1824, settling in Morris, Litchfield co., Conn., in general practice, but giving his attention specially to obstetrics. He is a member of the Litchfield co. med. soc., and has been a fellow of the Conn. med. soc. He has contributed various articles to the *Medical and Surgical Reporter*, the *Boston Journal of Chemistry* and other periodicals. He has been three times member of the legislature from his district; has been justice of the peace twenty years; selectman, school visitor, besides holding for many

consecutive years a number of minor political offices. In 1825 he married Susan Allen, daughter of Abner and Susan Allen, of Woodbury. She died in 1855, April 23d, aged fifty-one years, at Morris, Conn. He is notary public.

DUNCAN, JAMES K. L., Waukee, Iowa, was born, July 6th, 1845, at Frankfort Mineral Springs, Pa. He is a son of Jonathan and Agnes L. Duncan, and is of Scotch descent. He was educated at Monmouth coll., Ill., and graduated from the coll. of phys. and surg. in Keokuk, Iowa, June 9th, 1875. From 1865 to 1868 he was warden and apothecary of the Pensacola (Fla.) naval hosp., and in 1869, 1870 and 1871 he practised at Hamlet, Ill. In the latter year he settled at Waukee, where he is still practising. He has had one case of spina bifida, with a perfect representation of a human face in full in the lumbar region of the child, and many other cases peculiar but of minor note. He is a member of the Dallas co. med. soc.; and of the Iowa State med. soc., and of the Am. med. asso., 1876. He has published a paper on "A Ready Diagnosis," and one on "Cerebro-Spinal Meningitis." For nearly five years he was connected with the U. S. navy, and March 2d, 1864, was awarded a medal of honor for gallantry in the service, by general order, No. 32, U. S. navy.

BURLINGHAM, HARVEY DUDLEY, Plainfield, N. J., son of John Burlingham and Harriet (Dudley) Burlingham, was born in Pike, Wyoming co., N. Y., July 14th, 1832. He was educated at Wyoming acad., at the Madison univ., and at the coll. of phys. and surg, New York, and graduated from the univ. in 1854, and from the med. coll. in 1857. He established himself first in New York city, then entered the navy, then located himself in Galesburg, Ill., subsequently in the Charity hosp., Blackwell's island, and finally at Plainfield. He is a member of the Union co. med. soc., now its vice-president; and of the Am. med. asso. He is the author of a few reports of cases to the medical journals, among them being one on "A Curious Injury to the Sacrum and Bladder," *Journal of Medical Sciences*, April, 1868. He has held the position of phys. to the Northern dispensary, New York, and was chief of staff of Charity hosp., New York, in 1869–70. During the war in July, 1861, he was commissioned ass't surg., U. S. navy, and promoted to passed ass't surg. in April, 1864. He resigned in June, 1865. Has been connected with boards of health and education. In Jan., 1860, he married Lucy, daughter of the late Gen. Erasmus Holbrook, Esq., of Sturbridge, Mass.

SAUNDERS, JOHN HENRY, Pine Bluff, Ark., son of James Saunders and Levisa (Bowen) Saunders, of Virginia, was born June 16th, 1820. His medical education was obtained at the univ. of Nashville, Tenn., whence he graduated M. D. in 1856. He commenced practice in Wilson co., Tenn., then removed to Dallas co., Ark., in 1859, and after the war settled in White Sulphur Springs, Jefferson co., Ark. He is a member of the Ark. State and Jefferson co. med. socs., and is vice-president of the latter. He was a surgeon during the civil war in the Confederate army. During his surgical practice he has successfully performed many important surgical operations.

CROFT, THEODORE GAILLARD, Aiken, S. C., of French-Huguenot and English extraction, was born in Greenville, S. C., July 10th, 1845. He was educated at S. C. military acad., at the Furman univ., Greenville, S. C., and in the univ. of Va.; and graduated in medicine from the med. coll. of the State of S. C. in March, 1875, and settling at Aiken. He is a member of the S. C. med. asso. He served in the Confederate States army two years during the civil war as a non-commissioned officer, and is now a member of the board of health of Aiken. In April, 1877, he married M. E. Chaffee, daughter of O. J. Chaffee, Esq., of Charleston, S. C.

BULLARD, GATES B., St. Johnsbury, Vt., was born in Plainfield, N. H., Feb. 1st., 1829. Educated at the Newbury (Vt.) seminary, and Dartmouth coll, he studied medicine in the med. dep't of the latter, from which he received his diploma, Nov. 15th, 1854. He practised three years and a half at Canaan, Vt., whence he removed in 1858 to St. Johnsbury, where he has since remained. He is a member of the Am. med. asso.; of the Vt. med. soc.; and of the White Mountain med. soc., of which he was elected president in 1877. He contributed to the *Vermont Medical Journal*, of July 1st, 1875, an article on "Gastric Fever," as it appeared in Caledonia co., in the years from 1872 to 1875; and is the author of a paper on "The Use of Obstetrical Forceps," published in the Transactions of the Vt. med. soc. In 1863 and 1864 he represented the town of St. Johnsbury in the general assembly of Vt., and in 1867 and 1868 the county of Caledonia in the same

body. In 1871 and 1872 he was commissioner of the insane for Vt. He was appointed ass't surg., and promoted to the surgeoncy of the 15th reg. of Vt. vols. in the civil war. In 1865 and 1866 he was surg. of the 6th reg. of Vt. militia; and in 1869 and 1870 surg.-general of the State. He was married in 1861. His wife is still living.

ALLEN, CARLOS, Vernon, N. J., was born at Huntington, Chittenden co., Vt., Sept. 18th, 1814. Having received his preparatory education at the academies at Richmond and Williston, Vt., he entered the med. dep't of Dartmouth coll. and was graduated thence M. D. in Nov., 1837. During the ensuing five years he practised his profession at Richmond, Vt.; from 1842 to 1846 at Deckerstown, N. J., and since the date last stated has been established at Vernon. He is a member of the Sussex co. med. soc., has been essayist and reporter, and also delegate to the conventions of the N. J. State med. soc. He married, Nov. 15th, 1838, Arville, daughter of the Rev. Thomas Browning, of Richmond, Vt. She died in May, 1867. Three years afterwards he married Susan, daughter of Major William Simonson, of Vernon. In Jan., 1877, he had the operation performed upon himself for Dupuytren's finger contraction, according to the method of Prof. Busch, as described by Madelung. The operation was successful, and the benefits derived from it so great that he is a strong advocate for it.

COOPER, JOHN M., Wellsburg, West Va., of Scotch-Irish descent, was born in Belmont co., O., Dec. 1st, 1831. Was a student three years at West Alexander acad., Pa., entered Washington and Jefferson coll. in 1851, and was regular in the sophomore and junior years; attended lectures at the Ohio med. coll., and in the year 1857 began the practice of his profession at West Liberty, West Va., removing thence to Wellsburg, West Va., in 1867. In June, 1875, Washington and Jefferson coll. conferred upon him the honorary degree of A. M. He is a member of the West Va. State med. soc., has twice been elected its vice-president, and is a member of the Am. med. asso. He married Sallie B. Hedge, Sept. 20th, 1860, daughter of Joseph Hedge, Esq., of Brook co., West Va.

MONELL, GILBERT CHICHESTER, Omaha, Neb., was born in Coldenham, Orange co., N. Y., Oct. 20th, 1816. Educated at Union coll., and graduated from that institution in 1834. He received the degree of M. D. from the coll. of phys. and surg. of New York in 1841. He located himself at Newburg, N. Y., where he pursued a general practice, but made a specialty of diseases of women, until 1857, when he removed to Omaha, and retired from general practice. He was elected vice-president of the Orange co. med. soc. in 1853; was a delegate from that soc. to the New York State soc. in 1854; president of the Orange co. med. soc. in 1855; president of Douglas co. med. soc., Neb., in 1866, and president of Neb. State med. soc. at its organization in 1868. In 1862 he was appointed by President Lincoln as one of the incorporators of the Union Pacific railroad. He is the author of an essay on "Rheumatism," published by the Orange co. med. soc. as a prize essay, in 1845. "Human Fossils" (translated from the French) in *American Quarterly Journal of Agriculture and Science*, May, 1845; on "Free Martins," in same journal, April, 1846. The same article, rewritten and illustrated by request of the editor of the *Journal of Medicine and Surgery*, for that journal, Jan., 1846; "Secondary Typhoid Fever," in *Journal of Medicine and Surgery*, New York, Sept. and Nov., 1846; "Select Cases of Disease," *ibid.*, May, 1846; "Deformed Calf," *ibid.*, July, 1846; "Mental Impression on the Fœtus During Pregnancy," *American Journal of Agriculture and Science*, Oct., 1846. In 1836 he married Lucinda Carpenter, daughter of Joseph Carpenter, Esq., of Newburg, N. Y.

GRAVES, GEORGE WALKER, Petaluma, Sonoma co., Cal., of American parentage and English descent, was born in Charles City, Va., April 19th, 1832. He graduated from the med. coll. of Va., Richmond, in 1858, and first located himself at Uniontown, Ala., removing to Petaluma in 1868. He is a member of the State med. soc. of Cal., and of the Sonoma co. med. soc., and has belonged to the board of censors of both societies. He has contributed articles to medical journals on "Chronic and Acute Dysentery," "Equinia in Man," "Coup de Soleil," "The Diseases of the California Coast," etc. He was a delegate to the constitutional convention of Ala. in 1867, and surg. in the Confederate army during the entire war. In Oct., 1873, he married Luella, daughter of R. G. Babor, Esq., of Petaluma.

REX, ROBERT GEORGE, Portland, Oregon, of American parentage, was born at Port Homer, Jefferson co., O., Feb. 11th, 1849. He was educated in Hopedale, Harrison co., O.; at Washington and Jefferson

coll., Washington, Pa.; at the Mich. univ., Ann Arbor, Mich., and graduated from the latter P. C. in June, 1869, and M. D. in June, 1871. Between 1871 and 1873 he pursued his studies at the Frederick William univ., Berlin, Prussia, and returning settled in Portland, Multnomah co., Oregon, in 1874. He is a member of the Ohio State med. soc., and is the author of "Observations on the Humidity of the Atmosphere of Portland," published in the Transactions of the Oregon State med. soc. for 1875, and "St. Vincent's Hospital Report," *ibid.*, 1877. He is prof. of chemistry in the Oregon med. coll., Portland, and attending phys. of St. Vincent's hosp., Portland.

COCK, THOMAS F., New York city, whose father was a physician in New York for nearly sixty years, was born in that city, July 1st, 1819. He was educated at Haverford (Pa.) coll., and graduated from the med. dep't of the univ. of Pa., April 6th, 1840, settling at once in New York. His specialty is midwifery. He is a member of the State med. soc.; the med. and surg. soc.; the county med. soc.; and the Am. med. asso. He has published a "Manual of Obstetrics." He is phys. to the New York hosp., and consult. phys. to the lying in asylum, to the Woman's hosp., and to the infirmary for women. He has been twice married.

VAN ATTA E., Fultonham, O., was born in Perry co., O., Feb. 18th, 1823. His parents came from Saxony, Germany. He was educated at the Ohio univ., and graduated in medicine from the Ohio med. coll. in 1851. He located himself first in New Lexington, Perry co., in 1846, and removed to Fultonham in Muskingum co., O., in 1861. His practice is general, having in his professional career attended to more than seventeen hundred cases of obstetrics. The only remedy he relies upon in child-bed fever is veratrum viride in full doses: successful in majority of cases. He is a member of the Ohio med. acad. of Zanesville, vice-president of the latter in 1875. He has contributed to the *Ohio Medical Observer*, and has held the position of State senator. In 1853 he married a daughter of William Williams, Esq.

CURRIE, D. AUGUSTUS, Englewood, N. J., of Scotch parentage, was born at Searsville, Orange co., N. Y., Oct. 10th, 1842. His general education was obtained in academies and under private tutors, and his medical education at the univ. of Buffalo, and in Edinburgh, graduating from the former in 1864, and at the latter in 1867. After graduating he settled in Middletown, Orange co., N. Y., and in 1872 removed to Englewood. His specialties are diseases of females and children. He is a member of the Am. med. asso.; of the Royal med. soc. of Edinburgh, and of the obstetrical soc. of Edinburgh; also of the Bergen co. district med. soc., of which he was president in 1866. He is the author of "Clinical Observations on Pneumonia," etc., published in 1876. On March 30th, 1867, he married Fannie Mills, daughter of Andrew Mills, Esq., of Middletown, N. Y.

SIMMONS, JOHN HOLMES, Ashford, Conn., was born in Ashford, Nov. 21st, 1811. He received his preliminary education at Ashford academy, and studied medicine at the medical institution at Yale coll., graduating in March, 1833. He settled at (Pomfret, Factory now) Putnam, Conn., but removed to Ashford in 1834, where he is engaged in general practice. He is a member of the Conn. med. soc. He was a member of the legislature of Conn. in 1855 (house of representatives), and of the State senate in 1861 and 1864. In 1862 he was enrolment surgeon. He is director of the Eastford bank of savings and deposit, Windham co., Conn. He held a responsible office in the U. S. internal revenue dep't continuously from 1862 to 1876. In 1839 he married Mary Smart, daughter of Isaac and Rebecca Smart, of Philadelphia. She died in 1876.

BICE, D. CORWIN, De Soto, Iowa, was born, April 26th, 1852, in Fulton, Schoharie co., N. Y. He graduated from the med. dep't of the Iowa State univ., March 4th, 1875, and settled in De Soto, Dallas co., Iowa, where he now resides. He is a member of the Iowa State med. soc.; of the Union med. soc.; and of Dallas co. med. soc., of which he was elected secretary in 1875, a position which he still fills.

BATES, CICERO McLEAN, San Francisco, Cal., was born in Cleveland, Tenn., Aug. 15th, 1831. He was educated in Hiwassee coll., Tenn., and studied his profession in the med. dep't of the univ. of Pa., whence he graduated M. D. in 1855, and locating himself first in Cleveland, Tenn., then in Nevada City, Cal., and finally in San Francisco. He is a member of the Am. med. asso.; of the Cal. State med. soc. and of the San Francisco med. soc. He is prof. of clinical medicine in the med. dep't of the univ. of Cal., and visiting phys. of the city

and county hosp.; also member of the board of commissioners of lunacy; member of the State board of med. examiners of the State of California; and from 1870 to 1874 health officer of the city of San Francisco. In May, 1856, he married the daughter of Henry Earnest, Esq., of Green co., Tenn.

GRÓNVOLD, JUST CHRISTIAN, Norway, Minn., was born in Gudbrandsdalen, kingdom of Norway, Feb. 27th, 1833. His preparatory education was completed at the Norwegian univ., Christiania, in 1859. Coming to America in 1865, he established himself at St. Louis, attended lectures at the Humboldt med. coll., and in 1869 was graduated M. D. from that institution. In the year last stated he removed to the vicinity of Norway, Goodhue co., Minn. He is a member of the Goodhue co. med. soc., and of the Minn. State med. asso. Since Dec., 1876, he has been a member of the Minn. State board of health. He married, Nov. 3d, 1874, Eten, daughter of Ole Brandt, Esq., of Valders, Norway.

BOWER, JOHN, Guthrie Centre, Iowa, was born, April 12th, 1823, in Northumberland co., Pa. He is of German descent. He has had no training in school or college, except what he got in subscription schools. He graduated from the Pa. med. coll., March 4th, 1847. He first settled in Salem, Clarion co., Pa., where he practised for twenty-one years, when he removed to Guthrie Centre, Iowa, in which place he has united the business of a druggist with the pursuit of his profession. He is a member of the State med. soc. of Iowa, of which he was elected vice-president, May 29th, 1873. He has held the office of trustee of the Guthrie co. high school since its establishment. He was married, March 23d, 1847, and again, Jan. 3d, 1874.

BOWEN, ASA B., Maquoketa, Iowa, was born in Eastford, Conn., April 12th, 1842. He is a lineal descendant of Richard and Ann Bowen, who emigrated from Wales in 1640, and settled in Rehoboth, Mass. He attended the Mexico acad. at Mexico, Oswego co., N. Y., and graduated from the Albany (N. Y.) med. coll. in 1868. The following year he settled in Maquoketa, Jackson co., Iowa, where he has since been engaged in the practice. He is a member of the Iowa and Ill. Central district med. asso.; of the Iowa State med. soc.; and of the Am. med. asso. He has contributed a paper on "Typhoid Fever" to the Proceedings of the State med. soc. He is a member of the insane commission of Jackson co., Iowa. In 1864–65 he served on the U. S. steamer "Neptune," stationed in the West Indies convoy squadron, Capt. Z. P. Sanford, commander. He is examiner for some twenty life insurance companies. He was married in 1874.

BENNETT, JAMES EDMOND, Fort Smith, Ark., was born at Salisbury, Somerset co., Md., May 13th, 1828. His professional education was received at the univ. of Md., where he attended three courses of lectures, and whence he was graduated M. D. in 1855. In the same year he began the practice of physic at Sharptown, Md.; removed thence in 1857 to Wyandotte, Kansas; and since 1865 has been established at Fort Smith. He is a member of the Fort Smith med. soc.; of the Sebastian co. med. soc., president in 1877, and of the Ark. State med. soc. Of his professional publications may be mentioned: "Typho-Malarial Fever," Transactions Ark. State med. soc., 1875–76; "Hypnotic Influence of Chloroform in Asthma," *Louisville Medical Journal*, Sept., 1877; and "On the Circulation of Syphilis by Vaccination," read before Sebastian co. med. asso., Oct., 1877. Since Feb., 1866, he has been examining surg. to the U. S. pension bureau. In Jan., 1862, he was commissioned an acting ass't surg. in the U. S. army; and was honorably discharged from the service in June, 1864. He married, Nov. 29th, 1854, Martha A., daughter of Ebenezer Taylor, Esq., of Barren Creek Springs, Md.

MOORE, ABRAM C., Amelia, O., born in Belmont co., O., Jan. 11th, 1826, graduated in medicine from the Starling med. coll., Columbus, O., 1850, and settled in general practice, first in Locust Corner, then in Bantam, then in Moscow, and finally at Amelia, O. He is a member of the Clermont co. med. soc., and of the Ohio State med. soc.; and has contributed various articles on professional subjects to the *Ohio Medical and Surgical Journal*. In Sept., 1852, he married Mary S. C., daughter of Samuel Smith, Esq., of Beallsville, Monroe co., O.

MESERVE, ALBION K. P., Buxton, Me., was born, in Limington, York co., Me., June 8th, 1833. He was educated at Standish acad., and pursued the study of medicine at Me. med. school, graduating in 1859, and settled in Buxton. He is a member of the Me. med. asso., and of the Saco and Biddeford medico-chirurgical soc. He

is member of the York institute. In June, 1857, he married Mary M., daughter of Thomas Johnson, of Gorham, Me.

SHAW, BENJAMIN S., Boston, Mass., was born in that city, Sept. 12th, 1827. He received his academical education at the Boston Latin school and Harvard coll., and graduated from the Harvard med. coll. in 1850, settling in his native city. He is a member of the Mass. med. soc., and of the Boston soc. for med. improvement. From 1858 to 1872 he was resident phys. and med. superintendent of the Mass. general hosp. in Boston, to which, since 1872, he has been visiting phys.

HOPTON, JOHN G. S., Pendleton, Ark., son of Dr. Abner Hopton, professor of chemistry and pharmacy in the Mo. med. coll., was born at Cheraw, S. C., July 11th, 1838. Graduated M. D. from the Mo. med. coll., St. Louis, Mo., in 1858, and settled first in St. Louis; then at Red Fork, Ark., and finally at Pendleton. He is a member of the State med. soc. of Ark., and is secretary of the Lincoln co. med. soc.

AIMES, JOHN MARTIN, West Haven, Conn., was born in New York, July 21st, 1828. He was educated at Columbia coll., New York, and studied medicine in the med. dep't of Yale coll., graduating from the former A. M. in 1850, and from the latter M. D. in 1857. He settled first in New York, and afterwards removed to West Haven. In 1863 he married Margaret Elizabeth Thornton, daughter of Daniel Smith Thornton, Esq., Sumner co., Ga.

MURFEE, JOHN HOWARD, Okolona, Miss., son of James Wilson and Margaret Louisa Murfee, born in Southampton co., Va., May 18th, 1841; educated in Lynchburg, Va.; studied medicine at the univ. med. coll. of New York, and the coll. of phys. and surg., New York, graduating at the latter in 1867. After being ass't phys. of the Ala. insane hosp., Tuscaloosa, Ala., for three years, he settled in Hale co., Ala., and removed to Okolona in 1873. He is a member of the Miss. State med. asso. In Feb., 1875, he married Olivia Hobson, daughter of Josiah N. Walton, of Aberdeen, Miss.

TOOMBS, REUBEN SAUNDERS, Richland, Miss., son of G. H. Toombs, was born in Copiah co., Miss., Aug. 12th, 1844. His professional education was received in the univ. of La., and Washington univ., Baltimore; his degree of M. D. being conferred by the last-named institution in Feb., 1868. A month after his graduation he established himself at Richland. In the course of his practice he has performed a number of important surgical operations. Prominent among these was a case of gastrotomy, made necessary from a ruptured uterus; and in a case of a man crushed beneath a night-train on the Mississippi Central railroad, amputated both arms, the operation being performed by the light of a small tin lamp, with good recovery. He is a fellow of the Miss. State med. soc.; of the Holmes co. med. soc., secretary of the same in 1874–75; and a corresponding member of the State board of health. During the late war he served in the Confederate army as general hosp. steward for the departments of Mississippi and East Louisiana.

MCDONALD, JOHN, Washington, N. C., was born in New Berne, N. C., Oct. 11th, 1840, of natives of N. C. of Scotch descent. Was educated at the univ. of New York, and graduating in the spring of 1861 settled in Washington. He is a member of the med. soc. of N. C., and has held the position of mayor of the town of Washington. During the civil war he was a surgeon in the Confederate army. In 1866 he married Mary, daughter of Eliza and Henry A. Ellison, of Washington, N. C.

PARRISH, JOSEPH, Burlington, N. J., son of Dr. Joseph Parrish, of Philadelphia, was born in that city, Nov. 11th, 1818. His classical and literary education was under private tutors, and at a private academy in Burlington, N. J., and his medical studies were pursued at the univ. of Pa., whence he graduated M. D. in 1844. He located himself in practice first in Burlington, and remained there till 1855. He then removed to Philadelphia and took the chair of obstetrics in the Philadelphia med. coll. Failure of health, however, after some time caused him to visit Europe; and having while in Rome noticed the imperfect management of the insane hospital of that city, he obtained an interview with Cardinal Antonelli, and addressed the pope on the subject. By this intervention the abuse was corrected and the thanks of the pope tendered to him through ex-President Fillmore. In 1857, on his return, he was called to reorganize and place on a permanent basis the Pa. training school for feeble-minded children, and under his administration large grants were obtained from the legislatures of Pennsylvania, New Jersey, Delaware, and the city of Philadelphia, and the present structure

now occupied by that institution erected. During the war he entered the service of the sanitary commission, and acting as hospital inspector under a roving commission from the President, visited the hospitals and camps from Washington, along the Atlantic coast, to New Berne, N. C., Fredericksburg, and Petersburg, and westward to the fields of Nashville, Lookout Mountain, Chickamauga, etc., with orders for supplies and hospital stores. He also had charge of the sanitary posts of White House and City Point, and subsequently visited the governors of loyal States, and aided in the organization of auxiliary associations for the continued supply of hospital stores. After the war he established and conducted for seven years the Pa. sanitarium for the treatment of alcoholic and opium inebriety; was the originator of the Am. asso. for the cure of inebriates in 1870, and of which he was president for four years. In 1872 he was sent for by a committee of the British parliament, to give evidence in London as to the work of inebriate asylums in America, and the effect of laws of this country, known as prohibitory and local option laws and license laws. A verbatim report of his testimony was laid before the house of commons, and published in the British "Blue Book." His recommendations were adopted by the committee. Subsequently his testimony was questioned by Dr. John Charles Bucknell, of London, but an open letter in reply, which was distributed among the profession of Great Britain by the British med. asso., and by its delegate to the Congress des Sciences Medicales, at Geneva, was universally acknowledged to be a fair and complete refutation of Dr. Bucknell's statements. The letter has since been republished in England by the friends of inebriate asylums there for circulation among members of parliament and the medical profession. He finally settled in Burlington in 1875. He is a member of the coll. of phys. of Philadelphia; formerly of the Philadelphia co. and Delaware co. med. socs., president of the latter for three years; of the State med. soc. of Pa., of which he has been first vice-president; is associate member of the obstet. soc. of Philadelphia; permanent member of the med. and chirurg. faculty of the State of Md.; of the med. asso. of Baltimore; of the Am. med. asso.; of the Am. asso. for the cure of inebriates; the district med. soc. of the county of Burlington, N. J., of which he is historian; of the N. J. acad. of med.; and honorary member of the N. J. State med. soc.; and delegate to the International med. congress in Philadelphia, 1876. His contributions to medical literature consist of various editorial and other communications on general medical subjects, contained in his Reports, for six years; Reports on "Idiocy and Feeble-mindedness," for seven years; Report to the med. soc. of Pa.; "Intemperance as a Disease;" an essay on "Alcoholic Diathesis;" "Philosophy of Intemperance;" "The Classification and Treatment of Inebriates;" "Opium Intoxication, etc.;" "Report on the Criminal and Dependent Population of Pennsylvania," addressed to the legislature; "The Pathology of Inebriety;" "Insanity and Law," etc., etc. In 1848 he established and edited the *New Jersey Medical and Surgical Reporter*, which is still continued, but under other auspices, and with slight modification, in Philadelphia. He also edited *The Sanitary Commission Bulletin*, and was editor of the Transactions of the association for the cure of inebriates, and is still its secretary for foreign correspondence; and one of the editors of a quarterly, published at Hartford, Conn., entitled the *Quarterly Journal of Inebriety*.

BILL, CURTIS HARVEY, Bridgeport, Conn., son of Dr. Dyar Bill, and Ruth P. (Coburn) Bill, of English ancestry, was born in Albany, Vt., July 2d, 1835. He was educated at Barre acad., and studied medicine with Dr. Charles B. Chandler, of Montpelier, and Dr. V. Mott, of New York; at Dartmouth med. coll.; at the univ. of Vt., and at the univ. med. coll., New York; graduated from the latter in March, 1859, and established himself first in Clarkesville, Tenn., and after the war in Bridgeport. He is a fellow of the Conn. med. soc.; member of the Fairfield co. med. soc.; president of the Bridgeport med. asso. He is the author of "Monographs on Treatment of Hospital Gangrene with Bromine," "Exsection of Joints," etc., etc., with cases. On the breaking out of the war of the rebellion, in May, 1861, having been tendered and declined a surgeon's position in the Confederate army, was compelled to leave the State of Tennessee within twenty-four hours. He reported to Gen. Sherman, at Louisville, and was assigned to duty as surg. of the 15th U. S. infantry, and continued in this service and the regular brigade until 1863, taking part in all the battles in which his regiment was engaged. He was then assigned to special duty at department head-quarters, as member of the examining board for discharges, which board in two months' time personally examined more than seven thousand applicants. He was then detailed as surg.-in-chief of Howard hosp., Nashville, resigned for rest, was reappointed, and subsequently commissioned surg. of the 5th Tennessee cavalry, in

which he remained till the close of the war. In Sept., 1865, he married Mary J., daughter of T. G. Worcester, Esq., of Hollis, N. H., and niece of Dr. Joseph E. Worcester, LL. D.

MARSHALL, WILLIAM, Milford, Del., was born in Milton, Sussex co., Del., May 23d, 1827, of English parentage. He received his lay education at the Milton acad., and his medical education at the Jefferson med. coll., at which he graduated in March, 1847, commencing practice in Milton. He afterwards removed to Philadelphia, then removed to California, being one of the "Argonauts of 1849," and being surgeon of the expedition that went on the barque "Clarissa Perkins." He then settled in Placerville, Cal., staying there till 1852, when he returned to Milton, but removed thence and established himself at Georgetown, Del., where he remained till the breaking out of the war of the rebellion, in which he took part as surgeon 3d reg. Del. vols., participating in the battles at Harper's Ferry, Bolivar Heights, Charlestown, Cedar Creek, Winchester, nine days' fight on Rappahannock, second Bull Run, and Antietam. At the close of the war he returned to civil practice, and finally settled in Milford, Del., in 1866. His specialties are surgery and midwifery. While in the army he performed the first successful operation for resection. He is a member of the Del. State med. soc., having been president of it, and of the med. soc. of his county; also secretary of the county soc.; of the Am. med. asso.; and of the alumni asso. of Jefferson med. coll. He is the author of a treatise on "Neuralgia," and of one on "Eclampsia." On the breaking out of the war of the rebellion he enlisted in the 3d Del. vols., and received his commission as surgeon by President Lincoln; was discharged for disability after the battle of Antietam; afterwards commanded a company in the 6th Del. vols., and from June, 1863, acted as surgeon to that regiment during the term of its service. In 1862 he had charge of a hospital at Front Royal, Va. In Nov., 1853, he married Hester Angelina, daughter of Rev. T. P. McCully, of Milford, Del.

HAWES, JOHN QUINCY ADAMS, Hallowell, Me., of American descent, was born in Lovell, Me., Jan. 28th, 1829. He graduated at the New York med. coll., March 5th, 1857, and settled in Hallowell, where he still resides. He is a member of the State med. asso., and of the Kennebec co. med. asso., of which he is secretary and treasurer. In the civil war he served as surgeon of the 19th reg. of Me. vols. He was married, April 30th, 1857, to Hannah Lowell, of Hallowell, Me., and Nov. 16th, 1875, to Melicent P. Lord, of the same place.

HOBBY, CICERO M., Iowa City, Iowa, of English descent, was born at Skeneateles, N. Y., Oct. 16th, 1848. He was educated at the Moravia acad., Moravia, N. Y., and graduated from the Bellevue hosp. med. coll. in the spring of 1870. He began the practice at Locke, N. Y., from which he removed to Saginaw, Mich., and finally settled in Iowa City, Iowa. He is a member of the Muscatine co. med. soc.; of the Iowa City med. soc., of which he is secretary; of the Union district med. soc., of which he is also secretary; and of the State med. soc., of which he is a trustee. Since 1875 he is lecturer on ophthalmology and otology in the Iowa State univ; and, since 1876, demonstrator of anatomy in the same institution, as also attending surgeon to the Mercy hosp., in Iowa City. He was married, June 4th, 1874, to M. L. Parker, of Pittsfield, Mass.

EADS, BENJAMIN FRANKLIN, Marshall, Texas, of English descent, was born, March 9th, 1833, in Caroline co., Va. He received his professional education at the univ. of Va.; the univ. of Pa., and L'École de Medicine, Paris, graduating from the univ. of Pa. in 1856. He is a member of the State med. asso. of Texas; and of the Harrison co. (Texas) med. asso. He served in the Confederate army as medical officer, and is now surgeon of the Texas & Pacific railroad company at Marshall. He was married in 1865, and has two children.

COOK, JOHN LOY, Henderson, Ky., son of Edmund Cook and Mary Cook, was born in Russell co., Ky., July 3d, 1838. He is a graduate of the medical department of the univ. of Louisville in 1867, and Bellevue hosp. med. coll., New York, in 1870. He settled respectively at Rowena, Jamestown, Shepherdville, and finally at Henderson, Ky. He is a member of the Henderson med. club, is now its president; of the McDowell med. soc., and of the State med. soc. He is the author of an article on "Cerebro-Spinal Sclerosis," *Richmond and Louisville Medical Journal*, July, 1872; "Cerebro-Spinal Meningitis," *ibid.*, Nov., 1873; "Remittent Fever, with Congestion of Brain," *Philadelphia Medical and Surgical Reporter;* "Athelosis," *American Practitioner*, Aug., 1875; "Curable and Incurable Diseases," *Virginia Medical Monthly*, Sept., 1875; "Phthisis Pulmonalis," Transactions of McDowell med. soc., 1874;

"Asthma," *Louisville Medical News;* "That the article of Juergensen in Zeimssen on Catarrhal Pneumonia is Really Capillary Bronchitis," Transactions of Kentucky med. soc., 1876; "Slow and Deep Breathing a New Remedy for Wakefulness," *Louisville Medical News*, Oct., 1876; "Physiological Therapeutics in Fever," Transactions of Ky. State med. soc., 1877; "Germs in Diphtheria," *American Practitioner*, Sept., 1877; "Aborting Diseases," Transactions McDowell med. soc., 1876. At present chairman of the board of med. examiners of the third judicial district of Kentucky. During the civil war he belonged to Morgan's brigade, Confederate army, and was captured in Ohio, remaining a prisoner at Camp Douglas, acting as surgeon to wounded and sick prisoners twenty months. In 1873 he was phys. of Henderson—during the cholera epidemic. In May, 1871, he married Annie B., daughter of J. P. Oldham, Esq., at Elizabethtown, Ky

FINCH, CYRUS MYRON, Portsmouth, O., son of John Finch, a descendant of one of three brothers who came to this country during the reign of Charles II., and of Margaret (Murphy) Finch, was born in Dunbar, Fayette co., Pa., April 14th, 1831. His literary education was obtained at Mt. Pleasant coll.; he studied medicine in the med. coll. of Ohio, and graduated M. D. in 1862, settling first at Wheelersburg, Scioto co., O., and at Portsmouth at the close of the war. Among his operations which terminated successfully was that of a case of strangulated hernia, which was performed in a coaling in the iron region of southern Ohio, at two o'clock in the morning, by the light of a pine torch, and with the aid of a collier. The patient is still living. He is a member of the Ohio State med. soc.; of the Am. med. asso.; of the Ohio Valley med. soc., is its vice-president; and of the Scioto co. med. soc., has been its president. His contributions to medical literature consist of reports of cases made to medical journals. During the war he was surg. of the 9th Ohio vol. cavalry, and also division surg. of Kilpatrick's cavalry. In 1857 he married Mary E. Bruner, daughter of S. N. Bruner, Esq., of Wheelersburg, O.

KELLER, JAMES McDONALD, Hot Springs, Ark., son of David Keller, of Maryland, and of Mary Fairfax (Moore) Keller, granddaughter of Governor Spottswood, of Virginia, was born in Tuscumbia, Ala., Jan. 29th, 1832. He graduated in medicine from the univ. of Louisville, Ky., in 1852, and settled first in the vicinity of that city; removed to Memphis in 1857; returned to Louisville in 1868; and finally settled in Hot Springs in 1877. His specialty is surgery and diseases of genito-urinary organs; and during his practice in that branch of the profession he has been quite successful in operations for lithotomy, lithotrity, ovariotomy, removal of entire maxillary, entire clavicle, etc. He is a member of the Am. med. asso.; of the Ky. State med. soc.; of the Tri-State med. soc. of Ind., Ill., and Ky.; of the Hot Springs and Garland co. med. soc.; was vice-president of the first named in 1874. He has been a contributor to a number of the medical journals of the country. In 1870 he was appointed to the chair of surgery in the Louisville med. coll.—a position he stills holds—and in 1874 the chair of surgery in the Ky. school of med., from which he resigned in 1877. He was surg. and med. director in the Confederate army during the entire war, and in Jan., 1877, was elected president of the board of trustees of public schools of Louisville. In June, 1852, he married Sallie, daughter of David B. Phillips, Esq., of Jefferson co., Ky.

MERCER, ARCHIBALD, Newark, N. J., of American parentage, and of Scotch and Dutch ancestry, was born, Dec. 22d, 1847, at Newark, N. J. He was educated at Rutgers coll., New Brunswick, N. J., and studied medicine at the coll. of phys. and surg., New York, graduating from the former in 1868, and from the latter in March, 1871, settling in Newark. He is a member of the Essex med. union, of the Essex co. med. and the N. J. State med. socs.; and of the N. J. acad. of med. He is med. superintendent of St. Barnabas hosp.; U. S. examining surg. for pensions; and examiner for the Mutual life insurance company of New York, and the Provident Savings life insurance company of New York.

STROTHER, CHARLES SOLOMON, Barnesville, Ga., son of Dr. John Wiley Strother and Harriet A. (Caldwell) Strother, was born in Monroe co., Ga., Oct. 1st, 1844. His early education was obtained in Georgia, and he graduated from the med. dep't of the Washington univ., Baltimore, in Feb., 1869, having previously studied under Dr. C. B. Nottingham, of Macon, Ga. He settled in Barnesville, Pike co. He was elected a member of the med. asso. of Ga. in 1870, and of the Middle Ga. med. soc. in 1872, and has been corresponding secretary, recording secretary, and treasurer of the latter. His contributions to medical literature consist principally of short articles, which have ap-

peared in some of the medical journals; among them, on "The External Application of Chloral," "The Use of the Atomizer in Croup," "Quinine for Enema," etc. He was attached to the Washington univ. during 1868–69, and ass't superintendent of the Baltimore house of refuge during part of the same year. He has been mayor of the city of Barnesville. He was elected prof. of physiology and hygiene in the univ. of Texas, at Georgetown, Williamson co., Texas, but failing to reach Texas he was forced to resign the position. In May, 1871, he married Lula, daughter of Col. Lavoisier Le Drau Lamar, and granddaughter of Dr. Thomas R. Lamar, and grandniece of Gen. Mirabeau B. Lamar, ex-president of the republic of Texas

BAIRD, GEORGE, Wheeling, West Va., son of George and Jane Baird, was born at Washington, Pa., Nov. 30th, 1829. Having been graduated, in Sept., 1847, from Washington coll., he attended lectures in the med. dep't of the univ. of Pa., and was graduated thence M. D. in April, 1852. In the latter year he established himself as a general practitioner in Wheeling. He is a member of the West Va. State med. soc., and of the Am. med. asso.; was mayor of the city of Wheeling; president of the city council; and president of the Wheeling board of education. He married, Jan. 1, 1857, Margaretta M., daughter of John McColloch, Esq., of Wheeling, Va.

WOOSTER, DAVID, San Francisco, Cal., son of the Rev. John Wooster, great-grandnephew of Gen. David Wooster, and a descendant of the first Earl of Worcester, England, was born in Jasper, Steuben co., N. Y., June 10th, 1825. Previous to graduation in medicine he served as acting ass't surg. in the U. S. army during the Mexican war, being stationed at La Puebla. In 1849 he was graduated M. D. from the Cleveland med. coll., and in the same year began the practice of physic at Adrian, Mich. In 1850 he crossed the plains to California; mined, and practised his profession on the Yuba river until 1856, and in the last-named year established himself in San Francisco. In 1858 he founded, and during the ensuing four years edited and published, *The Pacific Medical and Surgical Journal.* Besides his numerous contributions to this periodical and other literary and medical journals, he has published a monograph upon "Diphtheria," 1859, the first publication in the United States treating of this disease; and a work upon "Diseases of the Heart." He has been a member of the Cal. State med. soc.; is a member of the Am. med. asso.; of the San Francisco microscopical soc.; and a corresponding member of the Royal coll. of med. and surg. of Turin, Italy. For four years, 1867 to 1871, he was U. S. appraiser of drugs at San Francisco; was from 1871 to 1872 surg. to the U. S. marine hosp. at the same place, and in 1861–62–63 served as surg. of the California volunteers in Arizona and New Mexico. He married, August, 1849, Frances Helen, daughter of the Hon. Gilbert and Hannah Shattuck, of Ann Arbor, Mich.

STOCKARD, RICHARD RUPERT, Greenville, Miss., was born in Macon, Hornbee co., Miss., Aug. 14th, 1849. He was educated at Summerville institute, Miss. coll., and med. univ. of Va., and univ. of the city of New York, graduating from the univ. of Va. M. D. in 1868, and from that of New York in 1869. He settled first in Palo Alto, Miss., removing to Greenville in 1870. He is a member of the med. asso. of the State of Miss., and attended the International med. congress held in Philadelphia in 1876. He is associated in the banking business with Stockard & Bonner, of West Point, Miss.

MONCURE, JAMES DUNLAP, Richmond, Va., son of Henry W. Moncure and Catharine C. (Ambler) Moncure, was born in Richmond, Aug. 2d, 1842. He was educated in Heidelberg, Germany; at College Rollin, Paris; bachelier es lettres of College de France; in the univ. of Va., and univ. of Md., studying medicine in the latter, and graduating therefrom in March, 1868. He settled first in Fauquier co., Va., then at Huntington, West Va., and finally in Richmond, in general practice, but making a specialty of mental and nervous diseases. He is a member of the Va. State med. soc., and of the Richmond acad. of med. He was superintendent of general hosp. of Richmond, in 1873, and is superintendent of the Pinel hosp., and ass't prof. of mat. med. in the med. coll. of Va. In 1871 he married Ann P., daughter of Prof. James B. McCan, of Richmond, Va.

HOFFMAN, DAVID BANCROFT, San Diego, Cal., was born at Bainbridge, Chenango co., N. Y., July 25th, 1827. His father, Dr. Chauncey Hoffman, was a direct descendant of one John Charles Hoffman, who was physician to the king of Holland about the year 1480. His mother, Mary A. Beal, born in Vermont in 1800, is still living. He was educated chiefly at home under a private tutor, though he subsequently went to a military academy at Chicago, Ill.

The study of medicine he began with his father, attending lectures occasionally at the Rush med. coll. while at the academy, and later at the Jefferson med. coll. in Philadelphia, completing his professional studies at Toland med. coll., San Francisco, Cal., from which he graduated March 7th, 1864. Previous to his settlement in San Diego he was surg. on the mail steamer from New York to Aspinwall, and afterwards on that from Panama to San Francisco. He had gone to California across the plains in 1849, and returned home in 1851. He is a member of the San Diego co. med. soc., of which he was elected president in 1872; of the Cal. State med. soc., of which he has been vice-president; and of the Am. med. asso., to which he was a delegate at its meeting in San Francisco. His literary contributions to medicine include a large number of articles on a variety of subjects to the San Francisco medical journals; a "Medical History of San Diego County," published by the State med. soc.; and several reports to the surgeon-general of the U. S. army. In 1861 he represented San Diego county in the State legislature; in 1868 he was a presidential elector for the State of California; from 1869 to 1873 collector of customs for the port of San Diego; from 1870 to 1875 U. S. commissioner in bankruptcy; for two years postmaster at San Diego; and for six years coroner of the county. He was a surg. in the U. S. army six years. He is president of the San Diego & San Bernardino railroad company; and a director in the San Diego overland railroad company. He married May 4th, 1857, and has eight children, five sons and three daughters.

BRONSON, HENRY, New Haven, Conn., was born at Waterbury, Conn., Jan. 30th, 1804, the son of Bennet and Annie (Smith) Bronson. He studied medicine at the med. institution of Yale coll., from which he graduated in 1827. His practice began in West Springfield, Mass., in the same year; he removed to Albany, N. Y., in 1830; to Waterbury, Conn., in 1834, and to New Haven in 1845. He held the chair of prof. of mat. med. and therap. in Yale coll. from 1842 to 1852, and from 1853 to 1860. He was president of the Conn. med. soc. in 1869–70, and is an honorary member of the State med. soc. of New York. Among his contributions to the literature of the profession may be named: "History of Intermittent Fever in New Haven Region," 1872. He has contributed many reviews and other articles to the *American Journal of Medical Sciences*, the *Boston Medical and Surgical Journal*, etc.

KINCHLOE, DAVID ANDERSON, Sardis, Miss., was born, Oct. 18th, 1823, in Barren co., Ky. He is a son of E. Kinchloe, and is of Scotch-Irish descent, his ancestors having emigrated to this country before the revolutionary war, and settled near Halifax, Va. He was educated at the Farmington acad., Mo., subsequently taking a course of private instruction in the classics, and, after studying medicine with Prof. John P. Harrison, of the med. coll. of Ohio, at Cincinnati, graduated from that institution, March 4th, 1846. In the course of the latter year he settled in Belmont, Panola co., Miss., returning to that place after the Mexican war, and in 1866 removed to Sardis in the same county, where he still resides. He has performed a number of noteworthy surgical operations, including a case of ovariotomy, reported in the proceedings of the Miss. State med. asso., wherein he removed entire a multilocular tumor weighing fifty-four pounds, the incision healing kindly, but the patient dying after forty-one days from ulceration and perforation of the bowels; etc., etc. He is a member of the State med. asso. of Miss.; and a permanent member of the Am. med. asso. His contributions to medical literature consist of reports to the surgeon-general of the U. S. army, as also to the surgeon-general of the Confederate army, and reports of cases to the Miss. State med. asso. In 1846 he was ass't surg. in the U. S. vol. service, acting on contract, and May 22d, 1847, was commissioned ass't surg. in that service, and served as such till July, 1848, the end of the Mexican war, having been assigned to duty with the 2d Miss. rifles, commanded by Cols. Reuben Davis and Charles Clark, and afterwards placed in charge of the general hosp. at Buena Vista, by order of Gens. Taylor and Wool, in which position he continued during the last six months of the war. In 1861 he was a captain in the Confederate army, in which he was commissioned a surgeon in 1862, and assigned to duty with the 44th Miss. reg., known as "Blythe's regiment of Mississippi volunteers," serving as surg. six months, when he was made senior surg. of the brigade commanded by Brigadier-Gens. Chalmers, Tucker, and Sharp. In 1863 he became chief surg. of Maj.-Gen. Withers' division, commanded by Maj.-Gens. F. C. Hindman, J. C. Brown, Edward Johnson, Patton Anderson, and D. H. Hill, and in that capacity served to the end of the war, surrendering with the army of the Tennessee at Greensborough, N. C. Throughout the war he served in the field, and performed almost every kind of operation known to military surgery. He was married, Nov. 4th, 1851,

to Adaline M. A. Bishop, by whom he has a son, Dr. D. A. Kinchloe, Jr., and a daughter; and May 31st, 1871, to Laura Jane Ferguson, by whom he has one child.

KING, JOEL GEORGE, Warrenton, N. C., son of Dr. William R. King and T. (W.) King, of English ancestry, was born at Louisburg, N. C., Dec. 12th, 1841. He was educated at Louisburg male acad., Chapel Hill, N. C., and studied medicine at the med. coll. of Va., Richmond, graduating in March, 1863, and settling in Louisburg, but removing to Warrenton in 1869. He is a member of the med. soc. of N. C. During the civil war he was ass't surg. in the Confederate States navy, and is director of the Old North State insurance company. In 1866 he married Bettie D., daughter of N. B. and L. H. Massenburg, of Franklin co., N. C.

WHITTINGHAM, EDWARD THOMAS, Millburn, N. J., of English descent, was born April 22d, 1831. He was educated at the college of St. James, Hagerstown, Md., from which he graduated in July, 1849, and studied medicine in the med. dep't of the univ. of Md., at Baltimore, graduating in March, 1852. He first settled in Baltimore, whence he removed in 1854 to Millburn, N. J., where he has since resided, excepting the interval of his military service. He is a member of the Essex co. med. soc., and of the Essex med. union; and was formerly a member of the medico-chirurg. soc. of Md. He was ass't surg. in the U. S. regular army during the civil war, serving with various commands, and in the various campaigns of the army of the Potomac. He was married in 1859 to Martha G. Condit, daughter of J. D. Condit, of Millburn.

CUSHING, CLINTON, Oakland, Cal., of American parentage and English ancestry, was born in Aurora, Ill., Dec. 13th, 1840. He graduated in medicine from the Rush med. coll., Chicago, Jan., 1865, and settled first at Turner, Du Page co., Ill., and in 1865 in Oakland. He was a member of the Am. med. asso., and Fox River Valley med. asso.; member of the Alameda co. med. asso., was its president in 1870, and censor in 1874 and 1876, and of the Cal. State med. soc., its secretary in 1870 and censor in 1876. He is the author of the "Report," as chairman of the committee on obstetrics, to the Cal. State med. soc. for 1876; of numerous articles to the *Pacific Medical Journal*, etc., etc. He held the chair of obstetrics in the Pacific med. coll., San Francisco, from 1870 to 1873; is one of the board of examiners of the Cal. med. soc., under the law regulating the practice of medicine, elected in 1876; and member of the board of health of Oakland. He was surgeon-steward in 1860, 1861, and 1862 in the U. S. navy.

FIELD, ARCHELAUS G., Des Moines, Iowa, son of Abel W. and Zilpha (Witter) Field, was born in Ontario co., N. Y., Nov. 15th, 1829. He graduated in medicine from the Starling med. coll., Columbus, O., in 1854, also from the coll. of phys. and surg., New York, in 1864, and settled at Hillsborough, O., and afterwards at Des Moines. He is a member of the Iowa State med. soc., which he has served as secretary, and also as president; of the Am. med. asso.; and of the International med. congress in 1876. He has held the position of examining surg. for pensions since 1866. The following are among his contributions to medical literature: "New Treatment for Umbilical Hernia in Children," *New York Medical Record*, Sept., 1867; "Report on Spotted Fever," Transactions Am. med. asso., 1865; "Anomalous Human Head," *St. Louis Medical and Surgical Journal*, March, 1867; "Medical Aspect of Iowa," *Chicago Medical Journal*, March, 1867; "Decapitation in Transverse Presentations," *New York Medical Record*, April, 1868; "History of Medication by Atomized Medicinal Substances," report to Am. med. asso., in 1868; "Puerperal Convulsions and Glycogenesis," *Clinic* (Cincinnati, O.), April, 1874; "Urethral Applicator," *Medical and Surgical Reporter*, May, 1869; "Address on the Present Attitude of the Science of Medicine," before the Iowa State med. soc., 1872, pamphlet; "Alimentation in Disease," *Northwestern Medical and Surgical Journal*, April, 1874; "Mildews on Grape-Vines," *Iowa School Journal*, July, 1874; "Physiology and Hygiene as a Branch of Popular Education," *Sanitarian*, New York, Sept., 1875; "Doctors and Newspapers," *Tilden's Journal of Materia Medica*, Jan., 1876; "Œdema Glottidis," *Scientific American*, Feb., 1876; "Address on Public Health," before the Working Men's institute, pamphlet, Jan., 1877; "Cellars and Diphtheria," *New York Medical Record*, Dec., 1875, etc., etc. In May, 1877, he married Hattie W., daughter of Edmund Weatherby, Esq., of Cardington, O.

CRANE, JOB SYMMES, Elizabeth, N. J., was born in Elizabeth, April 23d, 1825. He was educated at Elizabeth, and at Princeton, graduating from the latter college in 1843; also in medicine from the coll.

of phys. and surg., New York city, in 1849; and settling immediately after at Elizabeth. He is a member of the N. J. State med. soc., and of the Union co. med. soc., was second president of the latter. In March, 1854, he married Helen, daughter of Isaac Watkins, Esq.

BOWEN, AURELIUS, Nebraska City, Otoe co., Neb., son of Dr. Silas Bowen, of Reading, formerly of Woodstock, Conn., whose ancestry served in the revolutionary war, was born in Reading, Windsor co., Vt., Jan. 30th, 1817. His classical education was received at Bennington, Vt., and he graduated in medicine from the Castleton, Vt., med. coll. in 1851. He located himself first at Olive, Ulster co., N. Y., in 1852, and removed to Kansas in 1855. In 1856 he settled in Nebraska City. His practice is general. He is a member of the Otoe co. med. soc., and of the Neb. State med. soc., and has been president of both. He was surg. of the 2d reg. Neb. cavalry in the war of the rebellion; was at the battle of White-Stone Hills, in the Sioux war, in 1863, under Gen. Sully, and received honorable mention; also med. director of the district of Neb. He has held the position of examining pension surg. for the United States government since the war. In 1873 and 1874 he was State senator of Neb., and drew up and introduced the first bill for organizing an institute for the blind. For the first seven years of its existence was one of the directors of the Neb. deaf mute institute, and has taken active part in the early movements for organizing State governments for Kansas and Nebraska. Mainly through his exertions the first high-school building was erected, west of the Missouri river, at Nebraska City, in 1864; and he is at present county superintendent of public schools. He married, April 10th, 1846, Arabella, youngest daughter of the late Gen. Abner Forbes, of Windsor, Vt., by whom he has had two sons and a daughter.

MILLER, JOHN S., Peoria, Ill., was born at Cape May, N. J., Sept. 8th, 1845. Educated at the Georgetown, D. C., med. coll., univ. of Pa., and Jefferson med. coll., he was graduated M. D. from the first-named institution in July, 1866. He began the practice of his profession in 1868, at Fanner City, Ill., removing thence in Oct., 1877, to Peoria. He is a member of the Ill. central med. asso., censor in 1874–75. Of his professional publications may be mentioned "Sudden Death in Puerperal Cases," and "Puerperal Convulsions," Transactions Ill. central med. asso. In 1874 he was elected an alderman of Fanner City. He married, Feb. 12th, 1870, Hattie O., daughter of Sumner Marcy, Esq., of Cape May, N. J.

SWASEY, WILLIAM BROOKS, Cornish, Me., was born in Limerick, York co., Me., Sept. 3d, 1843. He is of American parentage. Having received an academical education he studied medicine at Bowdoin med. coll., and in 1866 graduated from the Bellevue hosp. med. coll. He first settled in Limerick, whence he removed to Cornish in 1872. He is a member of the Me. med. asso., of which he was elected vice-president in 1875. He has held the office of superintendent of the school committee. He is married.

STONE, J. JEROME, Wabasha, Minn., of English-Scotch descent, was born at Arlington, Vt., Aug. 17th, 1827. His professional education was received in the Rush med. coll., Chicago, whence he was graduated M. D. in Feb., 1853. In the same year he began the practice of physic at Tiffin, O., removed thence to Elkhart, Ind., in 1854, and to Wabasha in 1855. In 1873 he removed to California, but returned to Wabasha in the following year. He is a member of the Wabasha co. med. soc., vice-president in 1874, president in 1875; of the Minn. State med. soc.; and of the Am. med. asso. During the latter portion of the war of the rebellion served as ass't surg. of U. S. vols. He was married Oct. 18th, 1852.

DETWILER, BENJAMIN H., Williamsport, Pa., of German-Menonnite ancestry, was born in Montgomery co., Pa., Oct. 6th, 1831. He was educated at the Trappe boarding school, Union coll., and the univ. of Pa.; graduated in 1855, and settled first at Cogan Station, Lycoming co., afterwards at Linden, in the same county, and finally at Williamsport. He is a member of the State med. soc. of Pa., and of the Lycoming co. med. soc.—of the latter he has filled all the offices; and trustee of the State insane asylum, of Danville, Pa. In March, 1857, he married Louisa, daughter of Jacob Grafius, of Williamsport.

BLACHLEY, STEPHEN L., Sparta, Pa., son of the late Dr. Henry W. Blachley (who for forty years was a leading physician of Washington co.), was born at Sparta, Dec. 11th, 1815. Having completed his preparatory education at Washington coll., he read medicine under his father; but did not graduate until 1870, when he received M. D. from Jefferson med. coll. He was associated

with his father until the death of the latter in 1849; practised alone until 1877; and since that date has associated with him his son, Dr. Oliver L. Blachley. While engaging in a general practice he has given especial attention to surgery, and for a number of years has attended all the surgical cases in his vicinity; performing tracheotomy, removal of the mammary glands, removal of a variety of tumors, amputations, etc. He is one of the oldest members of the Washington co. med. soc., and at various times has filled the several offices of that organization; is a member of the Pa. State med. soc., elected first vice-president in 1873; and is a member of the Am. med. asso. In 1870 he contributed a paper upon "Fibro-cystic Disease of the Ovary," to the *American Journal of Medical Science*. During the late war he served as a volunteer surg. after the second battle of Bull Run and of the Wilderness. He married, Jan. 9th, 1840, Sarah Lindley, who died Nov. 25th, 1857. He again married, July 28th, 1859, Maria Wade.

RODMAN, LEWIS, Philadelphia, Pa., was born in Bucks co., Pa., June 12th, 1806. He was educated at the Lower Dublin academy, and studied medicine under the late Dr. Joseph Parrish, graduating at the med. dep't of the univ. of Pa. in the class of 1827, and settling at Bustleton, from which place he removed to Philadelphia in 1832. He is a member of the coll. of phys. of Philadelphia; of the obstetrical soc. of Philadelphia, and formerly of the Philadelphia co. med. soc., elected to the first named in 1843. He is a censor of the coll. of phys. of Philadelphia, and consulting phys. to the Preston Retreat.

BUCK, EPHRAIM WHITING, Oakland, Cal., was born at Troy, N. Y., March 20th, 1827. His early education was obtained at the common school only, but his medical studies he pursued at the New York coll. of phys. and surg., from which he graduated, March 5th, 1857. In the following year he settled at Jersey City, N. J., where he practised until the beginning of the civil war, at the end of which he returned to that place, but in 1874 changed his location to Oakland, Cal. He was formerly a member of the district med. soc. of Hudson co., N. J., of which he was elected president in 1860; and is a member of the Alameda co. (Cal.) med. asso., of which he was elected treasurer in 1876, and before which he has read a number of papers on medical subjects, embracing "Ante-Natal Development," "Mental Impressions in Disease," and "Specialties in Medicine." He also read a number of papers before the Hudson co. (N. J.) med soc., during his membership, and has contributed, besides, numerous essays to medical journals. In 1872 and 1873 he was county phys. of Hudson co., N. J. He served as surg. during the civil war, having been appointed surg. of the 51st reg. New York vol. infantry in 1861, and subsequently appointed ass't surg. of U. S. vols. In 1864 he was brevetted major for faithful and meritorious services. He served as a member of the public health asso. of New York city in 1873. He married at Jersey City in 1859.

AUB, JOSEPH, Cincinnati, O., was born in that city, Jan. 16th, 1846. His ancestors were Germans, from Forchheim, Bavaria. He was educated at the public schools of Cincinnati, graduating from the Hughes high school in 1863. In the spring of 1866 he graduated from the Ohio med. coll., and in 1868 from the univ. of Erlangen, Bavaria. Returning from abroad in 1869, he became resident surg. of the New York ophthalmic and aural institute, and in 1870 first assistant, holding the position until Nov., 1871, when he accepted that of oculist to the Cincinnati hosp., and lecturer on diseases of the eye and ear. In the summer of 1877 he was appointed prof. of ophthalmic and aural surgery in the Cincinnati coll. of medicine and surgery. His specialty is diseases of the eye and ear. In 1877 he made a transplantation of skin from the arm to the eyelid for ectropion, the size of the flap being two and three-eighths long by one and a quarter wide, the second operation of the kind in this country. He is a member of the Am. ophthalmic soc.; of the Cincinnati acad. of medicine; of the soc. of German-speaking phys.; and of the Cincinnati med. soc. His medical writings will be found in Knapp's archives of ophthalmology and otology. He married a lady of Cincinnati in Sept., 1875.

SMITH, NATHAN RYNO, Baltimore, Md., son of Prof. Nathan Smith, one of the originators of the med. dep't in Dartmouth coll., and subsequently prof. of medicine in that institution; also prof. of surgery and medicine, at a later date, in Yale coll., was born in Cornish, N. H., May 21st, 1797. He received his early education in Hanover, N. H., and his literary and classical education at Yale coll., whence he graduated A. M. in 1817. He spent about a year and a half in the south in the capacity of private tutor, and returning to New Haven, commenced the study of medicine under his father in

Yale coll., and received his degree of M. D. in 1823. In 1824 he established himself in Burlington, Vt., subsequently resided for a brief period in Philadelphia; removed to Baltimore in 1827, and with the exception of two years between 1838 and 1840, when he was in Transylvania univ., Ky., has resided there ever since. He was appointed prof. of surgery and anatomy in the univ. of Vt., in 1825, the winter of which year he spent in Philadelphia, attending the lectures at the univ. of Pa. At this time Prof. George McClellan, of that city, was organizing the med. dep't in Jefferson coll., in which Prof. Smith became prof. of anatomy, a position he retained two years. In 1827 he accepted the chair of surgery in the school of medicine of the univ. of Md., and also that of clinical surgery in the Baltimore infirmary. In 1838 he became prof. of practice of medicine in the med. dep't of Transylvania univ., Lexington, Ky., continuing, however, to reside in Baltimore during the vacant part of the year. He resumed his chair in the univ. of Md., in 1840. He resigned his professorship in this institution in 1870, having been connected with it nearly fifty years. He is president of the Md. State med. soc. He is the author of a voluminous work on the surgical anatomy of the arteries, a work which has passed through two or three editions, as well as many monographs on various scientific subjects to the journals of the day. He is the inventor of an instrument for the easy and safe performance of the operation of lithotomy, an operation in which he has been eminently successful, having performed it some two hundred and fifty times, in almost all cases with success. In 1860 he invented and introduced an apparatus for fractures of the lower extremity, termed the anterior suspension apparatus, and a few years after published a volume descriptive of its application, etc. Both this and the former invention are employed by the first physicians in this country and in Europe. In 1867 he visited Europe, where he was received with distinction by the distinguished members of the profession in Paris and London. In 1824 he married Juliette, daughter of J. Penniman, Esq., of Burlington, Vt. His son, Dr. Allan P. Smith, is actively engaged in medical and surgical practice. [Died July 3d, 1877.]

HOUGH, JACOB B., Cincinnati, O., was born at Camargo, Lancaster co., Pa., June 23d, 1829. He is a descendant of John de la Hoge (11th century), of Cheshire, England, and a grandson of the great-grandson of John Hough, member of the provincial assembly of Pennsylvania. He was educated at Lebanon acad., O., and the univ. of Mich., graduating from the latter in 1865. For two years he taught analytical and medical chemistry in the same university. Receiving a major's commission, he resigned his teachership to enter the federal army. The war terminating immediately afterward, he engaged in practice at Lebanon and Ridgeville, Warren co., for eight years. He was then appointed prof. of physics and chemistry in Miami Valley coll., and about the same time prof. of chemistry and toxicology in the Miami med. coll. of Cincinnati, a position he is at present (1877) occupying. He located in Cincinnati in 1873 as an analytical and consulting chemist. He is a member, and in 1873 was vice-president of the Ohio State med. soc.; a member of the Miami Valley and Cincinnati med. socs.; in 1873 was a delegate from the Ohio soc. to the Am. med. asso., and read a paper upon "New Methods of Experimentation in the Problem of Spontaneous Generation." He is the author of a laboratory manual, "A Guide to Chemical Testing," and of various magazine and society papers on chemical, physical and medical subjects, and the inventor of many mechanical and technological devices. Among his papers read and published may be mentioned: "Chlorinated Anæsthetics," "Report on Medical Chemistry," "First Phases of Living Forms," Ohio State med. soc.; "Therapeutic Properties of Sulphur and its Compounds," Miami Valley med. soc.; "Melanoidin—a New Compound," Proceedings Am. med. asso.; "On Reduction of Dislocations," "Origin of Animal Heat," Cincinnati med. soc.; "Practical Medical Chemistry," "Internal Use of Carbolic Acid," *Cincinnati Lancet and Observer;* "Detection of Poisons," *Clinic;* "Platinized Lead Batteries," *Boston Journal of Chemistry;* "Report of Analysis of School-room Atmospheres," tenth annual report of the Cincinnati health department, 1876. He married Mary Eva Evans, of Warren co., O. His son, Charles A. Hough, is at present (1877) resident phys. in Cincinnati hosp.

MCGREGOR, GREGOR C., Waco, Texas, of Scottish parentage, was born near Fayetteville, N. C., Jan. 8th, 1824. He graduated in literature from the Franklin institute, Robson co., N. C., and studied medicine under Dr. Hector McLean, of the same county, and at the medical school of Dr. P. A. Aylett, New York, and at the univ. of New York, from which institution he graduated in 1851. He located for a short time in North Carolina, and subsequently removed to Waco

(1852). His specialty is diseases of children. He is a member of the Washington co. med. soc., of which he has been president; one of the inaugurators of the Texas State med. asso.; member of the Waco med. asso.; permanent member of the Am. med. asso.; and was a member of the med. soc. of Fayetteville, N. C. In 1859 he married Annie Portia, daughter of Charles Fordtran, Esq., of Austin co., Texas.

MOORE, RICHARD CHANNING, Omaha, Neb., of English extraction, was born at Quincy, Ill., Nov. 25th, 1841. His professional education was received in the Chicago med. coll., whence he was graduated in March, 1865. In the ensuing September he established himself in Omaha. Of his more important cases may be mentioned treatment of pulmonary abscess by aspiration—recovery; and case of scalping (John Thomson, scalped by Indians on the line of the N. P. railroad, in 1868), recovery, with complete exfoliation of external table of skull. He is a member of the Neb. State med. soc., and of the Omaha patholog. and sanitary soc., treasurer of the latter in 1877, and vice-president of the Omaha med. soc. in 1874. His professional publications have appeared in the Transactions of the Neb. State soc., and have included reports upon ophthalmology and otology, and upon the case of scalping above referred to. He is city phys. to Omaha; a member of the Omaha board of health; and examining surg. to the U. S. pension bureau. In 1864 he was appointed an acting ass't surg. of U. S. vols., and was attached to the hospital steamer "D. A. January," plying on the Mississippi and Ohio rivers. He married, Nov. 17th, 1868, Eliza B., daughter of Christopher Bushnell, Esq., of Westbrook, Conn.

BRUMLEY, JOHN DUANE, Newark, N. J., was born, May 3d, 1834, at Montville, New London co., Conn. His father was a farmer, and his preliminary education was got at the common school and the home fireside. He attended lectures at the New York med. coll., from which he graduated, March 2d, 1858. He settled at Newark, N. J., where he has remained, with the exception of the time of his military service. In the course of his practice he has twice ligated the femoral artery in Scarpa's space, as also the left external carotid; and has twice operated for vesico-vaginal fistula, in addition to many ordinary operations in surgery. He is a member of the Am. med. asso.; of the Essex district med. soc.; and of the Essex med. union. He served in the army for three years and ten months, as acting ass't surg. for the first four months, and afterwards as surg. of U. S. vols., having charge of the general hosp. at Memphis, and being superintendent temporarily of the hosp. at Louisville; chief surg. of division; med. inspector, etc. Was appointed examining surg. for pensions, May 25th, 1876, and now holds that position. He has been twice married, his first wife having died of consumption three years after marriage.

BLACKBURN, JACOB C., Fort Madison, Iowa, was born, Jan. 8th, 1832, in Cincinnati, O. He was educated at the Cincinnati public schools, and graduated from the Cincinnati coll. of med. and surg., Feb. 23d, 1856. He commenced the practice in his native city, but in August, 1863, changed his location to Fort Madison, Lee co., Iowa. He is a member of the Am. med. asso., and of the State med. soc. of Iowa. He has held the office of auditor of Lee county for four years, and has been re-elected for another term of two years beginning Jan. 1st, 1878. He was married, May 20th, 1855, to Eleanor Davey, of Newport, Ky.

CHAPMAN, WILLIAM AUGUSTINE, Marshalltown, Iowa, of Vermont parents, was born in Delaware co., Iowa, Sept. 11th, 1843. He was educated in Iowa coll., Grinnell, Iowa, and studied medicine in the Cleveland med. coll., Ohio, graduating in March, 1868. He settled first in Dresden, Iowa, and removed to Marshalltown in the fall of 1871. He is a member of the Iowa Central med. asso., and of the Iowa State med. soc.; is vice-president of the former.

BONNEY, FRANKLIN, Hadley, Mass., was born in that place, Feb. 2d, 1822. He is a son of Oliver Bonney, and is descended from Thomas Bonney, who emigrated to this country from the north of Ireland, and settled in Plymouth co., Mass., at an early period of its history. He was educated at Hopkins' acad. in Hadley, and graduated from the Dartmouth med. school in 1847, having previously attended lectures at the Bowdoin med. school. He settled in his native town, from which he has not removed. He is a member of the Mass. med. soc., and of the Hampshire district med. soc., of which he has been president for three years, having been vice-president for the like period before. He is also a member of the health dep't of the Am. social science soc. Among his literary contributions to medicine is an article on "Mucous Flux Associated with Rheumatism," published in the *Ameri-*

can Medical Monthly of 1859; one on "Impacted Rectum from Eating Pine Chips," *Boston Medical and Surgical Journal* of the same year; and an account of a "Post-mortem Examination of an Epileptic Patient," in the *Boston Medical and Surgical Journal* for 1856. In 1873 he was a member of the Mass. legislature. He served as a vol. surg. for a few weeks, in 1864, at City Point, Va. He is a director of the Mass. Central railroad company, and trustee and secretary of the Hopkins' school fund. He was married in 1847 to Priscilla P. Whipple, of Hanover, N. H.; she died; and in 1873 to Emma W. Peck, of Honolulu, Sandwich Islands.

COTTON, JOSIAH DEXTER, Marietta, O., son of John Cotton, M. D., of Plymouth, Mass., and Susan (Buckminster) Cotton, of Boston, Mass., was born at Marietta, O., May 18th, 1822. He graduated from Marietta coll., 1842, and from the med. univ. of Louisville, Ky., 1847. He settled in Marietta in active practice. Among the successful incidents of his practice are the radical cure of a large popliteal aneurism by digital pressure of only two and a half hours, and the reduction of dislocation of the shoulder-joint of three months' standing. He is a member of the Am. med. asso.; vice-president in 1872 of the Ohio med. soc.; is now vice-president, and was president in 1875, of the Washington co. med. soc. He was surg. of the 92d reg. Ohio vol. infantry, and of Turchin's brigade for three years during the war, and has been for ten years phys. to the Marietta board of health, and member of the Marietta city council. In July, 1848, he married Ann, daughter of George Steece, Esq., of Lawrence co., O.

WILMARTH, FRANK, East Orange, N. J., son of Theophilus W. Wilmarth and Delia A. (Mowry) Wilmarth, of North Providence, R. I., was born in Smithfield, R. I., March 28th, 1841. He was educated in and graduated A. M. from Rutgers coll., New Brunswick, N. J., in 1867, and studying medicine at the coll. of phys. and surg., New York, he graduated M. D. from that institution in 1868. After spending a year in the hospital of the colored home, New York, he settled in East Orange in general practice, but giving special attention to surgery, in which he has successfully performed some important operations—lithotomy, amputations, removal of tumors; and, among others, the excision of the hip-joint. He is a member of the Essex co. med. soc.; of the Essex med. union; and of the West Jersey acad. of med. He is surg. to St. Barnabas hosp., Newark; of the Orange memorial hosp., Orange, N. J. He is also on the med. board of the Mutual Benefit life insurance company of Newark. In April, 1874, he married Esther Pape, daughter of Alden Sampson, Esq., of New York city.

SEARS, REUBEN, Marshalltown, Iowa, was born, July 31st, 1824, in Dracut, Mass. He graduated at the Rush med. coll., in Chicago, in 1854. Before his settlement in Marshalltown he had resided successively at Montrose, Brooklyn, and Grinnell, all in Iowa. He is a member of the State med. soc. of Iowa, and of the Iowa Central med. asso., of which he was president in 1877.

PITTS, WILLIAM SAVAGE, Fredericksburg, Iowa, was born, Aug. 18th, 1830, in the town of Yates, Orleans co., N. Y. His mother, still living, in her eighty-second year, is of Scotch descent; his father is of English extraction, having been a relative of Lord Chatham. He was educated in New York, and graduated at the Rush med. coll., Chicago, Ill., Feb. 8th, 1868, having served during the winter as private clinic clerk of Dr. Moses Gunn, prof. of surgery in that institution. He at once settled in Fredericksburg, Chickasaw co., Iowa, where he has since been steadily at work. He has no specialty, but prefers obstetrics. He is a member of the Fayette co. med. soc., of which he was elected one of the board of censors in 1870; of the Upper Cedar Valley med. soc., of which he was elected treasurer, Sept. 12th, 1871; and of the Iowa State med. soc. He was married, in Dec., 1859, to Ann Eliza Warren, of Conneaut, O.

HINKLE, JAMES BERNEY, Americus, Ga., was born, Jan. 1st, 1840, in Haynesville, Lowndes co., Ala. He is a son of Dr. James Hinkle, formerly of Haynesville, but later of Montgomery, where he died of yellow fever, in 1854. He graduated in medicine at the univ. of the city of New York, in March, 1860, and began the practice in Montgomery, Ala., from which, in 1861, he entered the Confederate army as surgeon, and served throughout the war, surrendering to Gen. Canby, at Meridian, Miss., in May, 1865. On account of impaired health he did not resume active practice till 1866, when he settled at Americus, Ga., where he still resides. He is a general practitioner. He belongs to the State med. asso. of Ga., of which he was elected secretary in 1870, but declined the office for lack of the necessary time to discharge its duties. He has published several

medical papers, reports of surgical cases, and the like, the subjects of which include "Resection of the Elbow-Joint," "Relation of the Periosteum to Osteogeny," and "Extraction of Cataract." He is at present a member of the State Democratic executive committee of Ga. He married, in May, 1860, Laura E. Butts, daughter of Albert G. Butts, Esq., of Macon, Ga., and has had five children, all boys, of whom the three youngest are living.

APPERSON, JOHN S., Town House, Va., was born, August 21st, 1837, in Orange co., Va., of which county his father, Alfred Apperson, was also a native. Receiving his preliminary education at a common country school, he read medicine in the office of Dr. William Faris, of Smyth co., Va., afterwards entering the med. dep't of the univ. of Va., from which he graduated in 1867. After the close of the war, before his graduation, he began the practice in Grayson co., Va., and in 1867 he settled in Smyth co., where he now resides. His professional success is in an especial sense the work of his own hands. He is a member of the med. soc. of Va., and of the Abingdon acad. of med. His literary contributions to medicine include papers in various medical journals. He entered the Confederate army as a private in the 4th Va. infantry, Stonewall brigade, and was taken into the office of Dr. Harvey Black, where he had extended opportunities to advance his medical education, being with the sick and wounded of the field infirmary of the 2d corps during the whole of the war. He is at present director and secretary of the Houstein woollen company, Smyth co., Va. He is married to Ellen V. Hull, daughter of Thomas Hull, of Smyth co., Va.

VARIAN, WILLIAM, Titusville, Crawford co., Pa., was born in Sidney, O., Oct. 11th, 1832. His father was an Episcopal clergyman, and his mother a member of the Atlee family, of Lancaster city, Pa. He was educated at St. Paul's coll., Long Island, and studied medicine at the Pa. med. coll., Philadelphia, whence he graduated, March, 1854. He started business in Pittsburgh, but after being here one year he removed to Chicago. Here he remained till 1861, when he entered the army. In 1865 he established himself in Titusville in general practice, but giving special attention to surgery. In this line of his profession he has performed many of the major operations, and was the first to suggest the hypodermic use of ergot with morphia in cholera, and choleraic diarrhœa, in 1867. He is a member of the Crawford co. med. soc., was its president in 1871; of the State med. soc.; and of the Am. med. asso. During the war he held the position of med. director, North Mo.; med. director 1st division Pope's army, and med. director, Central Kentucky (1861 and 1862); in the regular army in 1862 ass't med. director, dep't of the Cumberland; superintendent of hospitals; chief of the med. transportation dep't of Cumberland (1863 and 1864); surgeon-in-chief of the Dennison U. S. army general hosp.; and surgeon-in-chief of Evanston hosp. (1864 and 1865). In 1857 he married Ann E., daughter of Dr. Litchfield, of Connecticut, and niece of Hon. Chauncey F. Cleveland, ex-governor of Connecticut.

COAN, ELISHA SKINNER, Garland, Me., of German and English ancestry, was born at Exeter, Me., Jan. 26th, 1843. His academical education he received at the Garland (Me.) high school, and the East Corinth (Me.) acad.; his professional education at the Dartmouth med. school, and the med. school of Me., graduating from the latter in July, 1870. In the course of the same month he settled at Bradford, Penobscot co., Me., from which, on March 29th, 1874, he removed to Garland. He is a member of the Penobscot med. asso., and of the Me. med. asso. He held the office of supervisor of schools in Bradford. He served in the army for three years as a private and non-commissioned officer, having been with the army of the Potomac from the day of the battle of South Mountain to the surrender of Gen. Lee's army, at Appomattox. He married Abbie Swett, Feb. 16th, 1871.

HALBERT, J. E., Leota, Miss., was born in Greensboro', Ala., Dec. 1st, 1850. His professional education was received in Jefferson med. coll., whence he was graduated M. D. in 1873. In the same year he entered upon the practice of physic at Forest, Miss., removing thence to Leota in 1874. He is a fellow of the Miss. State med. soc.; elected alternate orator in 1877. Of his professional publications may be mentioned: "Poisoning by Chloral Hydrate," *New Orleans Medical and Surgical Journal*, and "Ergot in Pneumonia," Transactions Miss. State med. soc.

DODGE, DANIEL A., Brooklyn, N. Y., was born in South Carolina, March 12th, 1829, of American parentage. He was educated in the univ. of New York, and pursued his medical studies at the coll. of phys. and surg., in the same city, graduating from there in Feb., 1852. He has always resided

in New York and Brooklyn; and has held the position for many years of surg. to Long Island coll. hosp.

SMITH, ALBERT HENRY, Meridian, Miss., was born in Charlotte co., Va., June 3d, 1815. Having completed his preparatory education at La Guardo acad., Wilson co., Tenn., he attended lectures in the med. dep't of Transylvania univ., and was graduated thence M. D. in March, 1837. During the ensuing thirty-one years he practised medicine in Sumter co., Ala., removing thence in 1868 to Meridian. He was a member of Sumter co., Ala., med. soc. from its inception, and president a number of years; is a member of the Miss. State med. soc., and was vice-president in 1872. In 1872 he represented his district in the State legislature. He married (1), 1841, L. E., daughter of R. Davidson, Esq., of Sumter co., Ala.; and (2), 1858, J. E., daughter of Thomas Moore, Esq., also of Sumter co.

THORNE, WALTER SCOTT, San Jose, Cal., was born, July 22d, 1840, near Aurora, Cayuga co., N. Y. He is of English descent, his ancestry having settled at the close of the revolutionary war along the Hudson river, and in the Mohawk valley. He was educated at the Petersburg classical institute, Petersburg, Va., and at the Santa Clara coll. (of the Society of Jesus), in Santa Clara, Cal., and graduated in medicine from the Bellevue hosp. med. coll. at New York in 1869, taking the first honors in a class of one hundred and thirty-five graduates. He settled at first in San Jose, Santa Clara co., Cal., his present abode. In 1857 he made a voyage from New York to San Francisco around Cape Horn. In 1863, while yet a student of medicine, he went to live in Humboldt co., Nevada Territory, inhabited at that time by a few rude whites, and the Piute Indians, the latter of whom rose up the following year and mercilessly slaughtered the unprotected whites. After much delay a band of fifty whites was organized, of which he was elected surgeon, and as such served in several engagements. During the campaign, he made, with very rough and imperfect instruments, a number of amputations on the field, and ligated some of the larger vessels. He afterwards returned to California and then went to Mexico, where he followed the French army across the continent from the Pacific to the Atlantic, and on the defeat of the Imperialists, visited South America, exploring to some extent Peru, Ecuador, Chili and Bolivia, and the Isthmus of Panama, and Central America. He returned to California in 1867, and soon after left for New York, where he completed his medical education. He has a decided taste for surgery, in which he has performed several of the major operations. He is a member of the Am. med. asso.; of the State med. soc. of Cal.; and of the Santa Clara co. med. soc. Among his literary contributions to medicine is a paper on "Dislocations of the Elbow-Joint," published in the *Pacific Medical and Surgical Journal*, of Dec., 1871; a paper on "Fracture of the Femur," in the *Western Lancet*, of Dec., 1872; a paper on "Medical Journalism," *ibid.*, of Jan., 1872; an essay on "Dislocations of the Lumbar Vertebra," published in the Transactions of the Cal. State med. soc., for 1877; and a pamphlet on "Medical Experts and Investigation of Insanity by Juries," published in 1877. He has held the position of health officer. He is married, and has two children.

REICHARD, PHILIP L., Allentown, Pa., was born in Easton, Northampton co., Pa., Nov. 12th, 1836, of parentage who were of German descent. He was educated at Easton, and pursued his medical studies at the Jefferson med. coll., whence he graduated in 1862, entering the army immediately after. At the close of the rebellion he settled in Allentown. He is a permanent member of the Pa. State med. soc., elected in 1868; and of the Lehigh co. med. soc., elected in 1865, and has been its recording secretary since 1866. He is the author of a report on "Iodoform and Iron," published in the Transactions of the State med. soc. in 1868; also one on the same subject in the *St. Louis Medical Journal*. In 1876 he married Lucy M. Erdmann, daughter of George Erdmann, Esq., of Philadelphia.

PHILLIPS, EDWIN, Minneapolis, Minn., was born in Tinmouth, Vt., Oct. 19th, 1833. His literary education was obtained at Oberlin, O., and his medical education in the univ. of Mich., M. D. in 1861, and at the coll. of phys. and surg., New York, whence he graduated M. D. in 1866. He located in Minneapolis in 1869. He is a member of the Minn. State med. soc., and of the Hennepin co. med. soc., is now president of the latter. He served in the army from 1861 to 1865 as ass't surg. of the 4th Vt. vols., and also as surg. of the 6th Vt. vols.

LEWIS, MAGNUS MUSE, Alexandria, Va., son of Dr. John H. Lewis, of Jefferson co., Va., was born in Jefferson co., Feb. 8th, 1824. He was educated at Hallowell's school, Alexandria, Va., and the univ.

of Va., taking in the latter institution the medical course, and going from thence to the Jefferson med. coll. in Philadelphia, where he graduated in 1847. He settled in Alexandria, Va., in general practice, but giving special attention to surgery, in which he has performed a large number of operations, many of them of a most serious and dangerous character. In 1855 he married Evelyn, youngest daughter of John H. Brent, Esq., of Alexandria, Va. He is a member of the Alexandria med. soc.; of the Va. State med. soc., and of the Am. med. asso. During the late war between the States he was regimental, brigade, and division surg.; also medical director in the Confederate service.

BARBEE, ANDREW RUSSELL, Point Pleasant, West Va., son of Andrew R. Barbee, Sr., of French and Welsh descent, and of Nancy (Britton) Barbee, of Irish and German descent, was born in Hawsburg, Rappahannock co., Va., Dec. 9th, 1827. He was educated at Petersburg, Va., studied medicine under Dr. J. J. Thompson, of Luray, Page co., Va., at the univ. of Pa. (1848–1849), and at Richmond med. coll. (1849–1850), and again at the former institution, whence he graduated M. D. in April, 1851. He located first at Flint Hill, Rappahannock co., Va., then removed to Crigleysville, Madison co., Va., and afterwards went to planting and farming at Poca Bottom, where he remained till the breaking out of the war; after which to Buffalo, Putnam co., West Va., and finally removed to Point Pleasant in 1868. His practice is general, but he has devoted himself particularly to surgery and chronic diseases. Among the most peculiar cases in his experience was that of a soldier, whose temporal bone had been driven in by a brick during a drunken row. The man had been rendered instantaneously insensible, while he was in the act of applying an opprobrious epithet to some one with whom he had been quarrelling, and had uttered half of the last word. Although forty-eight hours had elapsed before the trephining operation had been resorted to, the instant the brain was relieved from pressure by the elevation of the temporal bone, the patient finished the concluding word of the sentence he had begun forty-eight hours before. His drunkenness also returned on his return to consciousness. Dr. Barbee is a member of the Mason co. med. asso.; and of the Gallia co. med. asso., Ohio; of the West Va. State med. asso.; and of the Ohio Valley med. asso.; in 1875 he was elected president of the West Va. med. asso. Though opposed to secession, when Virginia seceded, he entered the army of the Confederate States as captain of a company of riflemen, and took part in the fighting in the Kanawha valley. He was promoted to a colonelcy in 1862, and in 1863 was wounded so severely in a fight with Gen. Averill, near White Sulphur springs, that he retired in Jan., 1864, from active service. He was afterwards assigned to the med. dep't (with the rank of colonel), on the staff of Gen. Breckenridge, in a medico-military capacity; served with him in the valley in 1864, and, on his being called to another department, was left colonel commanding, and chief medical officer. At a still later date he was assigned to the medical charge of the Virginia reserve forces of southwestern Va., and was in all the battles of that department. He retained this position till the surrender of Lee, at Appomattox C. H. He has held office as president, trustee, etc., of boards of education and other public bodies. In May, 1852, he married Margaret A. G., daughter of Dr. Thompson, his preceptor.

FIRESTONE, LEANDER, Wooster, O., was born in Wayne co., O., April 11th, 1819. His medical studies were pursued in the med. dep't, Western Reserve coll., and Jefferson med. coll., graduating at the Western Reserve coll. in 1845. He also received the degree of LL. D. from the univ. of Ohio in 1874. He located himself first in Congress, Wayne co., O., removing to Newburg, in 1853, and to Wooster in 1856. He is a member of the Wayne co. med. soc.; Northwestern med. asso.; the Ohio State med. soc., has been its president; was a member of the Boston gynæcological soc., and is a member of the Am. med. asso. He is the author among other articles of "Fictitious Diseases," "Degenerative Metamorphosis of Tissues," "Incompatible Remedies," "Epidemic Constitution of the Atmosphere," "Reciprocal Influences of the Body and Mind;" and "New Method of Treating Rheumatism Based on the Presence of Varied 'Materies Morbi.'" He held for three years the position of superintendent of the Northern Ohio lunatic asylum, and seventeen years prof. of the medical and surgical diseases of women, and six years prof. of anatomy and physiology, holding both chairs at the present time; and in the univ. of Wooster, O., and in its med. dep't, located in Cleveland, O.

DARGAN, THEODORE A., Darlington, S. C., was born at Sleepy Hollow, the old homestead of the family, in Darlington co., S. C. He is a son of Timothy Dargan, of Scotch-Irish descent, who,

though not a graduate of any medical college, practised medicine for many years gratuitously. Theodore A. Dargan was educated at Darlington, and graduated from the S. C. med. coll. in 1844, having just attained his majority. He has always lived in Darlington. He is a member of the S. C. State med. asso.; and of the Pedee med. asso., of which he is now president. In 1859 he published a paper on "Typhoid Fever," which was extensively noticed. He was a surgeon in the Confederate army for four years. He was married in 1844.

HILLIS, DAVID BURK, Keokuk, Iowa, was born in Jefferson co., Ind., July 24th, 1825. He is a son of David Hillis, a prominent politician of Indiana. He was educated at South Hanover coll., Ind., and graduated from the St. Louis med. coll. in 1847 and 1877. He settled first at Rockford, Ind., whence he removed to Brownstown, Ind., and thence to Keokuk, Iowa, his present residence. He has made a specialty of the diseases of women and children. He is a member of the Jackson co. (Ind.) med. soc.; of the Ind. State med. soc.; of the Iowa State med. soc.; of the Keokuk med. soc.; and of the Am. med. asso. For four years he was president of the board of health, and health officer of the city of Keokuk. In the civil war he was the first lieut.-colonel and the second colonel of the 17th reg. of the Iowa vol. infantry, and brevet brigadier-general of vols. He was appointed by the President of the U. S. a visitor to the West Point military academy for 1877. In 1872 he was unanimously elected to the chair of obstetric medicine and diseases of women, in the Keokuk coll. of phys. and surg., but declined the appointment. He was married in May, 1848, to Laura Kiser, daughter of Dr. William P. Kiser, of Rockford, Ind.

GUNN, MOSES, M. D., LL.D., was born in East Bloomfield, Ontario co., N. Y., April 20th, 1822. His father, Linus Gunn, and mother, Esther (Bronson) Gunn, were natives of Massachusetts and pioneers of western N. Y. The family trace their ancestry in Scotland through a long series of lairds into a very remote past. Although prevented by dangerous and protracted illness from passing through a regular collegiate course, he received a thorough academical education, and graduated at Geneva med. coll. in 1846. He settled at Ann Arbor, Mich., and commenced practice. Contemporaneously he instituted a course of anatomical lectures, which was attended by a class of thirty or more students and practitioners. This was the first systematic course of lectures on anatomy given in that State. The course was repeated through three successive years, when, upon the organization of the med. dep't of the State univ., he was appointed over numerous competitors to the chair of anatomy and surgery. For three years he gave the lectures upon these departments, each course extending to seven months. After that time he was relieved from the anatomical teaching, and during the remainder of his connection with the institution, some fifteen years, filled the chair of surgery. In 1853 he removed to Detroit, visiting Ann Arbor twice a week to deliver his lectures. In 1856 he received the honorary degree of A. M. from Geneva coll. In 1857 he became senior editor of the *Medical Independent*, a monthly journal, which eventually was merged with another medical periodical, of which for some time he was one of the editors. In 1851–52 he made a series of dissections and experiments to determine what particular tissue opposes the effort to reduce dislocations, particularly of the hip and shoulder-joints. These were repeated for several sessions before the medical classes. The results and details of the processes by which they were arrived at were embodied in a paper read before the Detroit med. soc. in the summer of 1853, and were also published in the *Peninsular Medical Journal* in Sept. of that year. The first class to which he lectured in the university was then considered remarkably large, though numbering but ninety-two; the last class, session 1866–67, numbered five hundred and twenty-five. Dr. Gunn entered the med. dep't of the army in Sept., 1861, accompanying Gen. McClellan through the peninsular campaign, seeing much active and arduous service. During a short absence he gave some fifty lectures to the students at the university, filled with just the kind of information needed by the large number who soon after entered the army. In the spring of 1867, at the unanimous invitation of the faculty and trustees of Rush med. coll., he accepted the chair vacated by the death of the distinguished surgeon and teacher, Daniel Brainard, M. D., the position which he yet occupies. The present prosperity of Rush med. coll. is largely due to his business energy, his professional skill and personal popularity as a teacher. At the commencement exercises of the univ. of Chicago in 1877, he was honored with the degree of LL.D. He was married in 1848 to Jane Augusta Terry, daughter of J. M. Terry, M. D.; three children survive, the eldest son, Glyndon, a youth of remarkable promise, having been accidentally drowned at Detroit.

Prof. Gunn is a member of the city and State med. socs.; and of the Am. med. asso. Besides his position in the med. coll., he is surg. to Cook co. hosp. (the principal hosp. in Chicago);' surg. to St. Joseph's hosp; consulting surg. to St. Luke's hosp., and several other minor charities. He has not contributed largely of late to the medical press, preferring to bring all the treasures of his long and ripe experience and reading to those who from year to year come up to personally profit by his teaching.

WRIGHT, THOMAS LEE, Bellefontaine, O., maternal grandson of Dr. Samuel Huntington, of Craftsbury, Vt., and son of Dr. Thomas Wright, lately deceased, of Hamilton co., O., was born at Windham, Portage co., O., Aug. 7th, 1825. Educated at the Miami univ., and at the Ohio med. coll., he graduated M. D. from the latter institution in 1846; practised at Kansas City until 1854, chiefly among the Wyandotte Indians, located near that city at that time, and has been since that date established in Bellefontaine. During the session of 1855–56 he was lecturer upon theory and practice in Wesleyan univ. He is a member of the Ohio State med. soc., and of the Logan co. med. soc., at present (1877) president of the latter. Among his published writings may be mentioned: "Notes on the Theory of Human Existence," 1 vol. 8vo., p. 37, 1848; "Disquisition on the Ancient History of Medicine," 1 vol. 8vo., p. 84, 1860; "Inquiry into the Value of Testimony respecting Facts as they appear to a Mind Partly Conscious," Transactions Ohio med. soc., 1860; "The Deterioration of the Race upon the Western Continent," *Cincinnati Lancet and Observer*, Sept., 1874; and a paper upon "Transcendental Medicine," the publication of which was begun in the November number of the *Lancet and Observer* of the present year. In 1848 he edited the *Ohio Censor*, a political journal, published at Bellefontaine. He married, March 31st, 1846, Lucinda, daughter of Dr. A. H. Lord, of Bellefontaine. Dr. Wright has two children, viz., Dr. Abiel L. Wright and Thomas H. Wright, attorney-at-law, both of whom are residents of Bellefontaine, O.

WOODWARD, RUFUS, Worcester, Mass., son of Dr. Samuel B. and Maria (Porter) Woodward, was born in Wethersfield, Conn., Oct. 3d, 1819. Educated at Harvard univ., he was graduated thence A. B. in 1841, and M. D. in 1845. In the latter year he was appointed house phys. to the Mass. State lunatic hosp. at Worcester; subsequently resigned this position, and has been since 1850 engaged in private practice at Worcester. He is a member of the Mass. State med. soc.; Worcester district med. soc.; Am. antiquarian soc.; natural history soc. of Harvard coll.; city of Worcester lyceum and natural history soc.; and of the agricultural and horticultural socs. of Worcester co. In 1863 he served as surgeon under the U. S. sanitary commission, and was also surgeon to the enrolment board. He is at present (1877) med. examiner for the Conn. Mutual, Mass. Mutual, New York Mutual, New York Equitable, and Berkshire, Mass., life insurance companies. He married, June 12th, 1856, N. Jane, daughter of William B. Fox, Esq., of Worcester.

BARBOUR, JAMES EDGAR, Norwalk, Conn., was born, Nov. 17th, 1843, in the city of New York. He is a son of James G. Barbour, dentist. He graduated at the New York coll. of phys. and surg. in March, 1865, practising for a few months in Wilton, Conn., and then, in 1866, settling at Norwalk. He is a member of the Norwalk med. asso., of which he was president in 1873; of the Fairfield co. med. soc.; and of the State med. soc. While a student of medicine he enlisted in response to President Lincoln's call for three hundred thousand men, entering the 17th Conn. vols., but receiving the appointment of hospital steward in the 21st reg. Conn. vols. was transferred to the same, in which he afterwards served as acting ass't surg. He was afterwards acting ass't surg. in the U. S. navy, serving as surgeon of the U. S. steamer "Iron Age" up to her destruction, after which he received a commendatory letter from the assistant secretary of the navy.

WARMAN, DAVID, Trenton, N. J., was born in Franklin, Warren co., N. J., Jan. 29th, 1836. He is a son of Thomas and Elizabeth (Frome) Warman, and is of English descent on his father's side, and German on his mother's. He was educated at a common school, and the Belvidere classical acad., and pursued his professional studies at the coll. of phys. and surg. of New York, and the Bellevue hosp. med. coll., from which last he graduated, March 20th, 1862. His first settlement was at Milford, Hunterdon co., N. J., whence he removed to Morrisville, Bucks co., Pa., and at the close of the civil war settled in Trenton, where he still resides. He is a member of the district med. soc. of Mercer co., N. J., of which he was elected president in April, 1868, holding the office for two years; and of the Trenton med. asso., of which he has been secretary

from its organization to the present time. He is an hon. member of the Hudson co. pathol. soc. During 1864 he was connected with the army as contract surg., serving at the Chesapeake hosp., Fortress Monroe. He was married, March 26th, 1862, to Rebecca F. Love, of Harmony, N. J., daughter of the Rev. Robert Love.

SHARP, WESLEY HARRIS, Volcano, West Va., son of Dr. Solomon Sharp, U. S. navy, and Catharine M. (Harris) Sharp, was born in Wilmington, Del., Sept. 27th, 1842. He was educated at St. John's coll., Annapolis, Md., and at Princeton coll. He studied medicine under Dr. H. H. Mitchell, of Elkton, Md., then under his father, Dr. S. Sharp, and afterward at the univ. of Pa., graduating in March, 1865, and settling first in Grafton, West Va., and then in Volcano. He is a member of the med. soc. of West Va., and of the med. soc. of Wood co., vice-president of the former in 1874, and of the latter in 1873. He has been a frequent contributor to the State med. Transactions, being the author of articles on "Temperature in Disease," "Forceps in Midwifery," "Reports on Climatology, etc., etc. He has also contributed to the *New York Medical Journal*, and to the *West Virginia Medical Student*. During the war he was steward to the U. S. naval hosp., at Norfolk, and also acting ass't surg., U. S. army, 1865, stationed at Summit House, U. S. army general hosp., Philadelphia.

WRIGHT, PATRICK HENRY, Macon, Ga., of American parentage and English ancestry, was born in Livingston, Sumter co., Ala., Oct. 3d, 1837. His literary education was received at Donaldson acad., Fayetteville, N. C., and his medical education at the universities of Va. and La., graduating M. D. from the latter institution in March, 1860, and locating himself first in Carroll parish, La., and after the war in Macon. He is a member of the med. soc. of Macon, and has been its treasurer (is now, 1877), vice-president, and president; and of the med. asso. of Ga. During the civil war he held the position of ass't surg. in the Confederate army. In 1865 he married a daughter of Judge E. A. Nesbit, of Macon.

DUNLAP, ARCHIBALD S., Dayton, O., was born in Madison co., O., May 7th, 1836. He graduated from the Miami univ., Oxford, O., A. B. in 1857, subsequently took the degree of A. M. at that institution, and M. D. from the med. dep't of Mich. univ. in 1867. He established himself first in Springfield, O., in 1867, where he remained till 1870. He then removed to Dayton, where he has since resided. He is a member of the Clarke co. and Montgomery co., O., med. socs.; of the Ohio State med. soc.; and of Am. med. asso. He has held the position of ass't surg. of the National military home, at Dayton, since his removal to that city, and has been secretary of the board of pension examining surgeons, at Dayton, O., since July, 1871.

MCCLUER, BENJAMIN, Dubuque, Iowa, son of Benjamin McCluer and Elizabeth (Barbour) McCluer, of Scotch descent, was born in Franklinville, Cattaraugus co., N. Y., May 8th, 1824. He received his education in the public school of his native village, and at the Genesee Wesleyan seminary, Lima, N. Y., and studied medicine at the med. dep't of Harvard coll., graduating M. D. in March, 1852. He settled first at Holliston, Mass., removing to Dubuque in September, 1856. He is a member of the Dubuque co. med. soc., and of the Iowa State med. asso. He is the author of the "Report of a Case of Hernia of the Ovary, Operation for Removal," etc., *American Journal of Obstetrics*. During the war of the rebellion he was surgeon of the 9th Iowa vol. infantry, also ass't surg. and surg., U. S. vols.

ELWELL, ALEXANDER, Vincentown, N. J., son of Charles and Phebe Elwell, was born in Upper Pittsgrove, Salem co., N. J., Aug. 22d, 1824. He was educated at the Bridgeton high school, and the Pennington seminary, and graduated in medicine from the univ. of Pa., April 7th, 1847. He settled at Vincentown, Burlington co., N. J., where he still resides. Among his notable cases is one of ovarian dropsy that he tapped twenty-six times in six years, taking from the patient, all together, more than a hogshead of fluid, though never more at one time than twelve gallons and three quarts, and never less than seven gallons. He removed from the bladder of a man, at postmortem, a stone resembling in all respects a peach-blow potato, even in color, indentations, etc., and weighing half pound, minus half drachm; it is now in the possession of Dr. Thomas Morton, Philadelphia. The patient had carried said stone over sixteen years, the bladder fitting it as tightly as a base-ball cover. He is a member of the Burlington co. med. soc., of which he has been president. He has held the office of superintendent of public schools for nine years; and is now a director in the First national bank of Vincentown. He was married, Feb. 12th, 1851, to Lydia B. Rogers, of Mt. Holly, N. J.

FITCH, THOMAS DAVIS, Chicago, Ill., son of Lewis Haines Fitch and Polly Maria (Root) Fitch, and a direct descendant of Gov. Thomas Fitch, first colonial governor of Connecticut, was born in Troy, Bradford co., Pa., July 14th, 1829. His early education was received in his native town and in Knox coll., Galesburg, Ill., to which State his father had removed in 1846. He studied medicine with his uncle, Dr. Charles Badger, of Mishawaka, Ind., commencing in Oct., 1848, attended lectures at the Rush med. coll., Chicago, during the session of 1850–51, also private courses of lectures given by Drs. A. B. Palmer and N. S. Davis. He graduated from the Rush med. coll. M. D. in 1854, having previously practised in Withersfield, Henry co., Ill. In 1854 he removed to Kewanee, Henry co., Ill. Dec., 1861, he entered the army as surg. of the 42d Ill. infantry, a position he held till May, 1863, when he resigned on account of illness in his family. He removed to Chicago, Ill., on May 1st, 1864, where he has continued in the active practice of his profession until the present time. His practice is general, but he has given special attention to gynæcology. He is a member of the Ill. State med. soc., has been its president; served on some of its principal committees, and been its permanent secretary for seven years. Was a member and organizer of the Henry co. med. soc., which was merged into the now large and influential med. soc., known as the Military Tract med. asso. of Ill., he served as its president and secretary; he is a member of the Chicago med. soc., has been its president and secretary; of the medico-historical soc.; Am. public health asso.; med. press asso., and one of its directors; the Am. med. asso.; he is also a member of the med. board of the Cook co. hosp., and has served as its secretary and president. He is the author of "Perineal Pressure to Facilitate Labor," Transactions Ill. State med. soc., 1858; "Report on Gynæcological Instruments," *ibid.*, 1876; "Infantile Constipation," *ibid.*; "Report on Specialties and Medical Advertising," *ibid.*, 1867; "Antagonism of Opium and Quinia," before the Chicago med. soc., 1865, etc. He held the position of attending surg. and clinical lecturer on surgery in the Cook co. hosp., from 1867 to 1870, and from that time to the present that of attending gynæcologist and clinical lecturer on obstetrics and diseases of women and children in the same institution. Was one of the consulting surg. to the Chicago hosp. for women and children, from its organization in 1865 to 1870; was one of the originators of the woman's hosp. med. coll. of Chicago, which was organized in 1870, in which he has filled the chair of gynæcology, and the office of trustee since its organization. Has been attending and consulting phys. of the Washingtonian home for the reformation of inebriates, since 1867. He was county phys. to Cook co. in 1865 and 1866, and county supervisor in 1867. In April, 1852, he married Harriet Winslow Skinner, of La Porte, Ind., niece of Rev. Gordon Winslow, D. D., of New York, of Dr. Myron, missionary to Ceylon, and Rev. Dr. Hubbard, of Boston.

HARTSHORNE, HENRY, was born in Philadelphia, on March 16th, 1823, and is a son of the late Dr. Joseph Hartshorne. He was educated at Haverford coll. (then Haverford school), whence he graduated in 1839; and graduated in medicine from the univ. of Pa. in 1845. He was elected prof. of the institutes of medicine in the Philadelphia coll. of medicine in 1853; and in June, 1855, the board of guardians of the poor selected him as one of the consulting phys. and lecturers on clinical medicine in the Philadelphia hosp. A portion of the years 1858–59 he travelled in Europe, visited Egypt, and ascended the Nile as far as Thebes. On his return to the United States he was elected, April 27th, 1859, prof. of the practice of medicine in the med. dep't of Pa. coll., to fill the vacancy occurring by the resignation of Dr. Stillé. In the following month of the same year he was chosen attending phys. of the Episcopal hosp. He was named prof. of anatomy, physiology, natural history and hygiene, in 1862, in the Philadelphia Central high school. In 1866 he was elected to the professorship of hygiene in the univ. of Pa.; and was made prof. of organic science and philosophy in Haverford coll. in 1867. He has also held, at different times, professorships in the Pa. coll. of dental surgery, Girard coll., and the Woman's med. coll. of Pa.; and, in addition to the hospitals previously named, has also been attending and consulting phys. of the Woman's hosp. of Philadelphia. He has been and still continues, quite a voluminous author, both scientific and literary. His first production, in 1846, was his graduating thesis, entitled, "Water *vs.* Hydropathy." Next followed a "Monograph on Glycerine and its Uses;" "Facts and Conclusions upon Cholera;" "Memoranda Medica;" "Guide to the Medicine Chest and Family Adviser;" "Essay on the Arterial Circulation," being the prize essay of the Am. med. asso. for 1856. His "Essentials of the Principles and Prac-

tice of Medicine" first appeared in 1867. Within four years after its original publication two large editions were exhausted; in 1872, a third edition, thoroughly revised, was put forth, and in 1874 a fourth edition appeared. In 1869 the first edition of "A Conspectus of the Medical Sciences" was issued, being hand-books on anatomy, physiology, chemistry, materia medica, practical medicine, surgery, and obstetrics. This work was prepared with the aid of collaborators, or experts in some of the special subjects intrusted to them; he confined himself to the divisions of anatomy, physiology and practice of medicine. It has since passed to a second edition. He also edited, with considerable additions, the last edition of Sir Thomas Watson's "Lectures on the Practice of Medicine," which task was so well performed as to call forth a very kind and favorable acknowledgment from the distinguished author of the book, which was communicated in a letter to the publisher, Henry C. Lea. For many years he was a frequent contributor, especially in reviews of medical works, to the *American Journal of the Medical Sciences*. He has also written occasionally for the *American Naturalist*. A number of his papers have appeared in the Transactions of the Philadelphia coll. of phys.; one "On Organic Physics," in the Proceedings of the Am. philosophical soc.; one "On the Relation between Vigor and Sex," in the Proceedings of the Am. asso. for the advancement of Science; and a paper on "What to do Against Yellow Fever," for the Am. public health asso., 1873. He contributed in 1872–73 a number of important articles to *Johnson's New Illustrated Cyclopædia;* among which may be named, those on "Anatomy Philosophic," "Brain," "Bread," "Chess," "Circulation of the Blood," "Deaf-Mutes," and "Evolution." Of these the last was the most original and elaborate; endeavoring to give a full and concise summary of the whole subject, with the conclusions justified by the present state of science. His literary works embrace, "*Woman's Witchcraft, or the Curse of Coquetry*," a dramatic romance, which appeared in 1854, under the *nom de plume* of Corinne L'Estrange. This book is credited, by mistake, in the catalogue of the Philadelphia library to some lady author. "Summer Songs," by H. H. M., were published in 1865. He has also contributed several poems to periodicals; especially to *Lippincott's Magazine*, *The Friend*, and the *Friends' Review;* and also prose literary essays to the first and last named serials. He also contributed "European Correspondence" and other facetiæ to *Vanity Fair*, edited by Charles G. Leland, 1860–61. In 1858 he filled the position of secretary of the State med. soc. of Pa.; and in 1857–58 was recorder of the biological dep't of the academy of natural sciences of Philadelphia. He has written a great number of brief essays on religious subjects, published from time to time, especially since 1867, in the *Friends' Review;* and has also taken part in the editorial department of that periodical since the fall of 1872. He was married, in 1849, to Mary E. Brown, daughter of Jeremiah Brown, of Philadelphia.

MACKALL, LOUIS, Georgetown, D. C., son of Benjamin Mackall and Christiana Beall, was born in Georgetown, D. C., Jan. 7th, 1801. He was educated at Dr. Carnahan's classical institute in Georgetown, D. C., and graduated in medicine from the univ. of Md. in 1824. He first settled in Prince George's co., Md., and actively engaged in the practice of his profession. Returning to Georgetown in 1840, he devoted himself to the study of the sciences, especially of physiology and philosophy. He is the author of an essay on "Physical Force," and one on "The Law of Muscular Action;" of "Outlines of a New System in Physiology;" of "Notes on Carpenter's Human Physiology;" of an essay on "Life in Nature;" of "Brief Comments on Comte's Positive Philosophy;" of the "Philosophy of Astronomy;" of the "Science of Mind or Metaphysics;" of "American Science;" of the "Analogy of Science to Religion," etc. He has been twice married—first to Sarah Somerell Mackall, and after her death to Mary Bruce.

BARNES, JOSEPH K., Washington, D. C., was born at Philadelphia, July 21st, 1817. He studied medicine in the office of Dr. Thomas Harris, and graduated from the med. dep't of the univ. of Pa. in 1838. He then served one year as resident phys. at the Blockley hosp., and one year as out-door phys. to the poor for the northwestern district of Philadelphia. He entered the army as ass't surg., June 15th, 1840, and July 10th, following, was assigned to duty at the U. S. military academy, whence he was transferred to Florida, Nov. 9th, 1840, seeing his first field service in Harney's expedition to the everglades, during the war against the Seminole Indians. He left Florida in 1842, and was stationed at Fort Jessup, Louisiana, until it was abandoned, in 1846, when he conducted the convalescents of the 2d dragoons and 3d and 4th infantry to Corpus Christi. He was chief medical officer of the cavalry brigade during the Mexican war, and

participated in every action on both Gen. Taylor's and Gen. Scott's line, except that at Buena Vista. After the close of the Mexican war he was in charge of the general hosp. at Baton Rouge, La., and subsequently on duty at various posts in Texas and the Western departments, and as med. director of the dep't of Oregon. He was stationed at West Point from Jan. 3d, 1854, to June 1st, 1857, and during that period was commissioned surgeon, Aug. 29th, 1856. The outbreak of the war in 1861, found him on duty on the Pacific coast, and he was among the first officers ordered thence to Washington. He was appointed med. inspector, Feb. 9th, 1863; inspector-general, Aug. 10th, 1863; and surgeon-general, Aug. 22d, 1864, having then been on duty as acting surgeon-general since Sept. 3d, 1863. He was made a brevet brigadier-general U. S. army for meritorious and distinguished services during the rebellion, as well as a brevet major-general U. S. army for faithful and meritorious services during the rebellion, both commissions dating from March 13th, 1865.

KITTRELL, BENJAMIN FRANKLIN, Black Hawk, Miss., son of William J. Kittrell, of North Carolina, and Elizabeth M. (*née* Cain) Kittrell, of South Carolina, was born at Greensboro', Ala., Dec. 24th, 1836. He graduated from Irving coll., Tenn., in 1855, and studied medicine in the New Orleans school of med., from which he received his degree of M. D. in 1861. He settled in Black Hawk in 1866. He is a fellow of the Miss. State med. asso., was one of its vice-presidents in 1871, and permanent member of the Am. med. asso. He is the author of a "Report on Hemiplegia," Transactions Miss. State med. asso. for 1876; delivered annual oration before the same association on the "Mission of Medicine," *ibid.*, 1877. He entered the Confederate army as a private in 1861, was appointed ass't surg. in Oct., 1862, serving with the 22d reg. Miss. infantry till the close of the war. In April, 1866, he married Maud, daughter of James D. Pate, Esq., of Carroll co., Miss.

CLARK, JOHN H., Mechanicsburg, O., was born in Champaign co., O., Sept. 28th, 1829. He was educated at the Ohio Wesleyan univ., in Delaware, O., and studied his profession at the Starling med. coll. in Columbus, O., from which he graduated in March, 1853. He began the practice at Mutual, in his native county, but in 1858 removed to Mechanicsburg, in the same county, where he has since continued in active general practice, with the exception of the period of his service as med. superintendent of the hospital for the insane at Dayton; that is, from March 1st, 1874, to May, 1876. He is a member of the Champaign co. med. soc., of which he was president in 1870, and of the Ohio med. soc. He has been an occasional contributor to medical journals. He married Sept. 21st, 185-

HOLBROOK, LOWELL, Thompson, Conn., was born at Thompson, Oct. 6th, 1818. Educated at Brown univ., and at the univ. of the city of New York, he was graduated M. D. from the last-named institution in March, 1849, and in the same year began the practice of his profession in his native town. In 1850 he removed to Brooklyn, N. Y., returning to Thompson in 1853. He is a member of the Windham co. med. soc., president in 1870–71 and 1876, and of the Conn. State med. soc., vice-president in 1874, president in 1875. In April, 1863, he was commissioned surgeon to the 18th reg. Conn. vol. infantry, serving until the close of the war, in 1865. From July to Nov., 1863, he was a prisoner in Richmond. He married, Jan. 13th, 1845, Mary E., daughter of William Fisher, Esq., of Thompson.

BARNES, HENRY FRANKLIN, Indianapolis, Ind., was born in Orleans, Orange co., Ind., Aug. 11th, 1829. His father, Dean Barnes, a native of Kentucky, was one of the pioneers of southern Indiana. His mother, Mahala Athon, was a daughter of Judge Joseph Athon, of Virginia, where she was born, as was his paternal grandfather. He received his early education in Springville, Lawrence co., Ind., subsequently attending the Union school at Xenia, O., and finishing his literary course at Asbury univ., Greencastle, Ind. He studied medicine with his relative, Dr. James S. Athon, then of Charlestown, Ind., but afterwards superintendent of the Ind. hosp. for the insane, at Indianapolis, and secretary of state, completing his studies at the Jefferson med. coll. in Philadelphia, from which he graduated in 1854. During his first course at this college he spent some time at Edward Parish's school of pharmacy, from which he received a diploma in 1853; and between his first and second courses he practised a short time at Pottstown, Montgomery co., Pa., and several months at New Washington, Ind.; during the latter course he practised in Philadelphia. After his graduation he settled in Bedford, Ind., associating himself with Dr. Winthrop Foot, but shortly removed to Paoli, the capital of his native county, where he practised for about ten months, when he was appointed

ass't phys. of the Ind. hosp. for the insane, a position he filled for six years, settling at the close of that period in Indianapolis, where he remained till 1870, removing then to Louisville, Ky., but returning to Indianapolis in 1877. He was for many years a member of the Ind. State med. soc., and one of the founders of the Indianapolis acad. of med., which flourished for a number of years; and during his residence in Louisville was a member of the Ky. State med. soc., as also of the Louisville medico-chirurg. soc. He has written a few articles for medical journals, the principal ones being entitled "A Discussion of Insanity from a Medico-Legal Standpoint," published in the *Richmond and Louisville Medical Journal* for July, 1873, and "Cerebral Congestion," published in the same journal for August, 1876. During the civil war he served as a surg. in the army for a short period, and afterwards was for several years a pension surg. He has been married; has no children.

BUFFETT, EDWARD PAYSON, Jersey City, N. J., son of William P. Buffett, surrogate and judge of Suffolk co., N. Y., was born in Smithtown, Long Island, Nov. 7th, 1833. He was educated at Burr and Burton seminary, Manchester, Vt., and at Yale coll., from which he graduated A. B. in 1854. He graduated in medicine from the coll. of phys. and surg., New York, in 1857, remained interne of Albany almshouse hosp. during the summer of 1857, and also in New York, attending hospitals and clinics, and settled in Jersey City in 1858. He is a member of the Hudson co. patholog. soc., has been its secretary; of the district med. soc. of Hudson; member of the visiting surgical staff of the Hudson co. church hosp.; and has been councillor of the coll. of phys. and surg., New York. He is the author of "Is Death Painful?" *Putnam's Monthly Magazine*, March, 1870; "Shall we Throw Physic to the Dogs," *Lippincott's Magazine*, Sept., 1871, etc., etc. Has served as a member of the Jersey City board of education, and also of the same board for the city of Bergen. In April, 1864, he married Catharine L. Smith, of New York city, who died Sept., 1864. In June, 1872, he married Alletta Van Reypen, of Jersey City; she died Sept., 1873.

BOWCOCK, JAMES MATTHEW, Clarksburg, West Va., of Scotch and German ancestry, was born near Charlottesville, Albemarle co., Va., March 1st, 1829. His literary education was received at the univ. of Va., and his medical education at the Jefferson med. coll., Philadelphia, graduating from the latter in March, 1850. He first located himself at Berkeley Springs, Morgan co., West Va., and after remaining there six years removed to Clarksburg. He is a member, has been president and secretary, and is now vice-president, of the county med. soc.; of the West Va. State med. soc., has been its vice-president, one of its board of censors; and was a member of the Am. med. asso. in 1873. He has been ten years city councilman, and three years school commissioner; fifteen years phys. to the jail; is health officer of Clarksburg; was contract surg. during a portion of the civil war; and established the first military hospital in West Va. In Nov., 1852, he married Annie S., daughter of Isaac Baker, of Morgan co., Va.

CHAMBERLIN, WALTER ELBRIDGE LAWRENCE, Oskaloosa, Iowa, son of George C. and Sophronia B. (Hanford) Chamberlin, was born in Harmony township, Clarke co., O., Dec. 14th, 1850. He was educated at Plattsburg and Lewiston schools, union school, Washington, Fayette co., Antioch coll., Ohio, and pursued the study of medicine at Mich. univ., and Long Island coll. hosp., Brooklyn, and graduated in 1871. He settled first in Jefferson township, Iowa, and removed to Marysville, Marion co.; subsequently he opened an office in Brooklyn, then entered Kings co. lunatic asylum as acting ass't phys. (during the absence of the superintendent in Europe); became ass't phys. to Kings co. hosp. in 1872; and subsequently removed to Oskaloosa. He is a member of the Iowa State med. soc.; was formerly a member of the Mahaska co. med. soc.; and of the Des Moines Valley med. soc. He is the author of papers on "Cerebro-Spinal Fever," and "Mechanical Dysmenorrhœa," read before the Mahaska soc. at meetings in July, 1874, and July, 1875. He has been president of the Young Men's literary and lecture asso. of Oskaloosa.

CLARY, GEORGE, New Britain, Conn., son of the Rev. Joseph W. Clary, was born in Cornish, N. H., April 13th, 1829. He graduated at Dartmouth coll. in 1852, and received his degree in medicine from the Yale med. coll. in 1857. He first settled in Hartford, Conn., but after the civil war he took up his residence in New Britain, where he has since remained. He is a member of the Conn. med. soc. In 1861 he entered the army as ass't surg. of a Conn. vol. reg., of which he served as surg. from 1863 to 1866. He has been a member of the board of health of New Britain. He married Mary R. Dorrance, of Norwich, Conn., and has three children, two daughters and a son.

CHARLTON, JOSEPHUS B., Clear Lake, Iowa, was born in Washington, Pa., Nov. 4th, 1844. He was educated in Washington, Pa., and at the Iowa State univ., Iowa City, and studied medicine in the med. dep't of that institution, graduating in March, 1872, settling at Clear Lake. He is a member of the Iowa State med. soc. He held the position for three years of demonstrator of anatomy in the med. dep't of the Iowa State univ., and served for three years in the ranks in the Union army during the war of the rebellion.

JONES, RALPH KNEELAND, Bangor, Me., was born, July 13th, 1823, at Stockbridge, Berkshire co., Mass. He read medicine with Dr. L. S. Adams, of Stockbridge, and Dr. H. I. Bowditch, of Boston; attended two courses of lectures at the Berkshire med. institute, and the same number at the med. dep't of Harvard univ., graduating from the latter, Aug. 25th, 1847, and served afterwards one year as house phys. of the Mass. general hosp. He practised one year at West Needham (now Wellesley), Mass., and eight years at Vineyard Haven, Mass., since which he has resided at Bangor. He is a member of the Mass. med. soc.; of the Me. med. asso.; and of the Penobscot co. med. soc., of which he has been president. In June, 1874, he delivered the annual address before the Me. med. asso. He is president of the Bangor board of examining surgeons of the U. S. pension bureau.

BRUNSON, THOMAS C., Augusta, Ark., was born in Stewart co., Tenn., Feb. 9th, 1833. He is a son of Jesse A. Brunson, an extensive iron-manufacturer, whose father was a physician, having graduated in Edinburgh before the American revolution. His mother was Louisa L. Shelby, a granddaughter of Gen. Isaac Shelby, of revolutionary fame. He is one of six sons, all of whom are physicians. He was educated at Franklin coll. near Nashville, Tenn., and at the Masonic coll. in Clarksville, Tenn., and studied medicine under Dr. C. R. Cooper, of Clarksville, subsequently attending a course of lectures at the univ. of La., in New Orleans, and in Sept., 1856, graduating at the Atlanta (Ga.) med. coll. He settled in January of the following year in Phillips co., Ark., in the neighborhood of Helena, where he remained two years, when he moved into Helena, residing there till the civil war, after which he returned to his plantation near Helena, and combined cotton-raising with his practice until 1871, and then, planting turning out to be unprofitable, removed to Augusta, where he has since pursued his profession. He is a member of the Woodruff co. med. soc., of which he is secretary; and of the State med. soc. of Arkansas. In the civil war he was appointed a surg. in the Confederate army, and assigned to duty in Gen. T. J. Churchill's brigade. He was at the battle of Arkansas Post, where he was taken prisoner with the rest of the command, and sent successively to St. Louis, Mo., Camp Batter near Springfield, Ill., and Fort McHenry in the vicinity of Baltimore. Shortly after he was released at City Point, Va., and assigned to hospital duty at various points until the final surrender. He married in 1858, Lizzie C. Knott, a daughter of B. J. Knott, a prominent lawyer of Helena.

MCMORRIS, JAMES, Belle Plaine, Iowa, was born in Crawford co., O., March 17th, 1836. He was educated at Oberlin coll., and studied medicine in the office of Amos C. Jackson, M. D., at Goshen, Ind., for nearly four years, after which he attended lectures in the med. dep't of the univ. of Mich. in 1865 and 1866, and also at the Rush med. coll., Chicago, graduating from the latter institution. He commenced the practice of his profession in Goshen, Elkhart co., Ind., 1866, removing to Belle Plaine, in Iowa, in 1869. He is a member of the Iowa State med. soc., and also of the Iowa union med. soc., being at present the president of the latter soc. He was in 1863 appointed superintendent of public schools of Elkhart co., Ind. Since becoming a citizen of Belle Plaine, he has served as a member of the board of education of said city for six years, the last three of which he has been president of the board. He holds a commission as ass't surg. of the 1st reg. of the Iowa State guards. On Dec. 25th, 1867, he married Jane, daughter of Michael Hoops, Esq., of New Paris, Elkhart co., Ind.

COLLINS, JOHN WALLACE, Hot Springs, Ark., of American parentage, but Scotch-Irish extraction, was born in Forkland, Greene co., Ala., Dec. 22d, 1835. He graduated in medicine from the univ. of La., March 20th, 1860, and settled the same year in Marengo co., Ala., removing successively to Coffeeville, Ala.; Shubuta, Miss.; Jackson, Tenn.; and Hot Springs, Ark., his present location. He has treated successfully a case of traumatic aneurism of the left subclavian artery, and performed ovariotomy in two cases, and lithotomy in one. His specialty is uterine diseases. He is a member of the med. asso. of Jackson, Tenn., of which he was president in 1876; and of the Gar-

land co. (Ark.) med. and surgical soc., of which he was secretary in 1877. He communicated to the *American Practitioner* of 1870 a paper on the case of aneurism above mentioned, describing his treatment with tr. verat. virid., resulting in a complete and permanent cure. In the civil war he served as a surg. in the Confederate army three years. He married, Sept. 3d, 1856.

LEE, LEVI CALIN, Graysport, Miss., was born at Murfreesboro', Tenn., Oct. 5th, 1824. He graduated from the univ. of La. in 1846, and settled in Graysport. He is a member of the State med. asso., and of the Grenada med. asso. of Miss. He served four years in the Confederate service as captain and major, and was seriously wounded four times. In 1852 he married L. Willie Hunter. She died in 1869, and in 1871 he married Mrs. Mary McAfee, of Grenada, daughter of Robert Williams, Sr.

DYER, ELIJAH, Norwich, Conn., son of Elijah and Mary (Robinson) Dyer, was born at Canterbury, Conn., March 22d, 1805. He received his medical education at the Brunswick med. institution of Bowdoin coll., Me., and at the Berkshire med. institution of Williams coll., Mass., graduating from the latter, Dec. 17th, 1828. After practising one year at Owego, N. Y., he settled in Norwich, Conn., where he has lived ever since. He is a member of the Conn. State med. soc., and of the New London co. med. soc. At present he is U. S. examining surg. He married, April 11th, 1831, Abigail C. Morse, of Canterbury, Conn., who is still living. His maternal grandfather and two uncles were physicians. Mrs. Dyer's paternal great-grandfather, grandfather, uncle, and one brother were physicians; one cousin also, and two cousins (ladies) married physicians.

DUFFIELD, SAMUEL PEARCE, Detroit, Mich., was born at Carlisle, Pa., Dec. 24th, 1833. He is a son of the Rev. George Duffield, D. D., and a great-great-grandson of George Duffield, who emigrated from Ireland to the colony of Pennsylvania, settling first in Lancaster co., about the year 1730, on a farm which is now in the possession of one of his descendants, Mrs. Robert Macilvane. His great-grandfather, George Duffield, born in Lancaster co., in 1732, and ordained a minister of the gospel in 1761, served as a fighting chaplain in the American army through the darkest hours of the revolution, a reward for his head having been offered by the English. His paternal ancestry ascends to the Huguenot family, noticed in the books of heraldry under the name of *Du Fielde*, from the French *Du Ville*, and which accompanied William the Conqueror to England. His mother, Isabella Graham Bethune, of New York, was a sister of the distinguished Dr. Bethune, of that city, and granddaughter of Isabella Graham, the celebrated Christian philanthropist. He began his studies at the univ. of Mich., and continued them at the univ. of Pa., when, his eyes failing, he went abroad, and in 1856 and 1857 was under Von Graefe's treatment, and attended his clinics in Berlin, after which he went to Munich, where he studied under Liebig, and in accordance with Liebig's recommendation, graduated before the faculty of Giessen as doctor of philosophy and medicine. Returning to Detroit in 1858, he entered upon his practice as a physician there, still keeping up prominently, however, his chemical investigations. His specialty embraces chemistry, toxicology, and obstetrics. He has been called as an expert in several important trials, among them the celebrated Vanderpool case in Michigan, tried three times, and in which he appeared as the chemist for the people. He is a member of the Detroit acad. of medicine; of the State med. soc.; and of the Am. pharmaceutical soc. His medical writings comprise papers on "Well Water as the Cause of Malarial Dysentery," "Ventilation of Sewers," "Contamination of Drinking Water," "Analysis of Alcoholic Liquors," "Pure Brandy," "Analysis of Malt by Polarization," "Aconite Poisoning," and "Small-Pox Epidemic in Dearborn Township." He delivered the opening address at the founding of the Detroit med. coll., in 1868; read a paper at the Detroit meeting of the Am. pharmaceutical asso. on "The Relation of Hypodermic Injections to Toxicology," which was published in the Transactions of the asso.; and in 1876 delivered before the Young Men's Christian Association of Detroit a lecture entitled "The Religion of Christ *vs.* the Religion of the Scientists." He was employed at one time by the city controller to settle a discrepancy between the Detroit gas works and the city gas inspector, which he did to the satisfaction of both parties. He was also employed by some capitalists of Boston to examine into the truth of the tin pool on the north shore of Lake Superior, which he exposed as a fraud, exposing in like manner the Batchewanny iron mine. He was married in 1858 to Addie L. Dobney, of New Bedford, who now lies under the affliction of incurable insanity. This year, 1877, was called to be prof. of chemistry and chemical director, vice Professor Douglass, at the univ. of Mich. But owing

to the fact that matters were not in a satisfactory condition in the university, and because the tender of professorship was made for only one year, refused to leave his active duties as a practitioner of medicine.

SINNET, EDWIN, Granville, O., of New England parentage, was born in Granville, Licking co., O., Aug. 17th, 1827. He was educated in Granville, attended one course of lectures in Cleveland med. coll. in 1847, but graduated at the Ohio med. coll., Cincinnati, in 1850. He settled in active practice in his native town. During his professional career he has been very successful in the more important surgical operations. He is a member of the Am. med. asso.; of the Ohio med. soc., has been its vice-president; and of the Licking co. med. soc. He was a member of the town council six years, and mayor eight years of Granville; and during the war surg. of the 94th reg. Ohio vols. He is a director of the First national bank of Granville; secretary and treasurer of the Toledo and Pomeroy railroad construction company; president of the Toledo iron company; and trustee of the Granville female coll. In May, 1855, he married Sarah A., daughter of E. C. Wright, Esq., of Granville, Ohio

HARRIS, GEORGE W., Old Lyme, Conn., son of George W. Harris and Lucretia (M.) Harris, born in Greenport, Long Island, Aug. 22d, 1836, was educated at Bloomfield institute, Bloomfield, N. J., and studied medicine at the coll. of phys. and surg., New York, whence he graduated M. D. in 1857. Was house surg. Long Island coll. hosp., 1859. He established himself at Old Lyme in 1860. During his practice he has successfully performed many important operations, such as ligation of prolapsus ani, extraction of cataract, for strangulated hernia, amputation of cancer of breast, craniotomy, etc., etc., etc. He is a member of the Conn. med. asso.; is the author of "Standard of Vitality in Irritation and Inflammation," Transactions Conn. med. asso., 1875; "Case of Irreducible Strangulated Femoral Hernia," *ibid.*, 1876. In May, 1872, he married Mary L., daughter of John H. Brodrick, Esq., of New Haven, Conn.

LYONS, W. B., Huntington, Ind., was born, Sept. 2d, 1818, in Newcastle co., Del. He is of Irish descent on his father's side, and Scotch on his mother's. His paternal grandfather served in the revolutionary army, and died of wounds received at the battle of Brandywine. He was educated professionally at the Ohio med. coll. in Cincinnati, and the Rush med. coll. in Chicago, receiving his degree from the latter, and receiving also the *ad eundem* degree from the coll. of phys. and surg. of Ind. He settled at Huntington, Huntington co., Ind., in May, 1851. Although a general practitioner, he inclines to make obstetrics a specialty. He is a member of the Am. med. asso.; of the Ind. State med. soc., of which he was vice-president for one year, and treasurer for three consecutive years; and of the coll. of physicians and surgeons of Ind., of which he is trustee, treasurer, and one of the executive board.

TAYLOR, RICHARD H., Hot Springs, Ark., son of Dr. William V. Taylor and Fanny Henderson Taylor, of Memphis, Tenn., was born in Granville co., N. C. He was educated at St. Thomas' Hall, Holly Springs, Miss., and graduated in medicine in Memphis med. coll. in 1855, and in the univ. of Pa. in 1857. He settled in Memphis, where he remained until the breaking out of the late civil war, when he entered the Southern army as a surgeon, doing both field and hospital duty. He is a member of the Tenn. med. asso., and was secretary of the Shelby co. med. soc. in 1876. In 1867 and 1868 he was surg. to the Shelby co. soc.; in 1870 was surg. of the county; and was a member of the Memphis board of health from 1873 to 1876 inclusive, during which time he wrote many valuable statistical papers on the decadence of the negro race. In the fall of 1876 he removed to Hot Springs, Ark.

ANDRUS, CHARLES HAWLEY, Metuchen, N. J., son of Sylvester Andrus and Elizabeth P. (Clark) Andrus, was born in Windham, Greene co., N. Y., Oct. 13th, 1823. He was educated at Delaware acad., Delhi, Delaware co., N. Y., and graduated from the coll. of phys. and surg., New York, March 13th, 1845. He settled first at Windham, and afterwards at Poughkeepsie, N. Y., and Ballston Spa, N. Y. After serving four years in the army he returned, in 1866, to Poughkeepsie, and finally removed to Metuchen in 1872. In surgery he has performed some of the more important operations. He is a member of the med. soc. of Middlesex co., N. J., and while a member of the Saratoga co. med. soc. was president of the latter from 1860 to 1862. He held the position of coroner for Dutchess co., N. Y., from 1868 to 1873, and was for ten years a commissioner of public schools in Poughkeepsie. He was ass't surg. 128th N. Y. vols. from Aug., 1862, to Aug., 1864, and surg. of the 176th N. Y.

vols. from Aug., 1864, to April, 1866; also med. inspector and consulting surg., by special order, for Sheridan field hosp., Winchester, Va., and operating surg. for the same institution. In Oct., 1845, he married Louisa Caroline, daughter of Jonathan B. Cowles, M. D., of Durham, Greene co., N. Y.

FUSSELL, LINNÆUS, Media, Pa., son of Edwin and Rebecca Fussell, was born at Pendleton, Ind., Sept. 2d, 1842. He received his academical education at the Philadelphia Central high school, and his professional education in the med. dep't of the univ. of Pa., from which he graduated in March, 1867. From 1865 to 1874 he served in the U. S. navy, but since 1872 he has resided in Media, Delaware co., Pa., having been two years in the navy before graduation, and two years at Media, while still in the navy. He is a member of the Delaware co. med. soc., of which he has been secretary since 1873; of the Pa. State med. soc., and of the Delaware co. institute of science, in which he is chairman of the committee on chemistry; and a member of the botanical committee. He served in the blockade off Florida in 1865; in the supply steamer "Massachusetts" in 1866; in China and Japan from 1866 to 1869; in the recruiting service at the New York navy yard from 1869 to 1870; as surg. to the Darien surveying expedition from 1870 to 1871; at Philadelphia from 1871 to 1873; and from 1873 to 1874 at Key West, during the late imbroglio with Spain. He was married, June 4th, 1877, to Edith Johnson, of Media.

BARTLETT, STEPHEN CHALKER, Waterbury, Conn., was born at Guilford, Conn., April 19th, 1839. His professional education was received in the Yale med. school, whence he was graduated M. D. in Jan., 1866. During the ensuing six years he was engaged in the practice of physic at Naugatuck, Conn. Since 1872 he has been established at Waterbury. Of his more important cases may be mentioned a successful attempt at skin-grafting. The patient, a young woman aged nineteen years, had her hair caught by a revolving shaft, and instantly her entire scalp was torn off from the occiput to the supercilii, including the temporal regions, eyebrow, and most of the left external ear. In treating the case he took skin from the patient until the excessive discharge from these additional wounds made it necessary to desist; skin was then taken from friends of the patient, who volunteered to furnish material rather than have the healing delayed. A cure was retarded by the intervention of erysipelas, but was accomplished finally within a little less than a year. In all, two hundred and fourteen pieces of skin were transplanted. The scalp, when completed and healed, was soft and pliable, presenting none of the hard, irregular, corrugated marks of cicatrization and contraction as would have appeared had the ulcer healed as ordinarily. The case is reported in the *American Journal of Medical Sciences*, for Oct., 1872, also, at greater length, in the Transactions of the Conn. med. soc. for 1874. He is a member of the New Haven co. med. soc., and was elected fellow of the Conn. med. soc. in 1876. In 1864–65 he served as acting ass't surg., U. S. navy. He married, Sept. 22d, 1869, Julia B., daughter of A. J. Pickett, Esq., of Naugatuck, Conn.

FRANKLIN, SIDNEY WALTER, Hot Springs, Ark., of American parentage, was born in Columbus, Miss., April 22d, 1843. He was educated at Union univ., Murfreesboro', Tenn., and graduated in medicine from the univ. of New York in 1861. He located himself first in Mobile in 1865, removed to Columbus, Miss., in 1866, and to Hot Springs, Ark., in 1871. His specialty is diseases of the genito-urinary organs. He is a member of the Miss. State med. soc.; secretary of the Lowndes co., Miss., med. soc.; member of the Ark. State med. soc.; and secretary of the Hot Springs and Garland co., Ark., med. socs. He was surgeon for four years in the Confederate States service, in charge of hospitals at Columbia, Tenn., and Raymond, Miss., and also in the field. He was elected county surg. to Lowndes co., Miss., for 1867–68. In Jan., 1870, he married Kate, daughter of John C. Dougherty, Esq., of Memphis, Tenn.

MOSER, PHILIP S., Boonesboro', Iowa, was born, July 17th, 1829, at Charleston, S. C. His father was Dr. Philip Moser, of Charleston, S. C., and his mother a daughter of Sir Charles Wilcox, of England. He graduated at the Pa. med. coll. in March, 1852, settling the next month in Muscatine, Iowa, whence he removed, in March, 1854, to his present location, then almost a wilderness. He has made a specialty of surgery and obstetrics. He is a member of the Iowa State med. soc.; of the Am. med. asso.; and of the Central (Iowa) district med. asso., of which he was chosen the first president, as he was of the Boone co. med. soc., now merged in the Central district one. He has been and is county phys., and a member of the board of health of Boonesboro'; and is at present exam. surg. for the New York life insurance company, and commissioner of in-

sanity for Boone co.; the Chicago life insurance company, and several others. He was married, in April, 1852, to Mary Ford, of Philadelphia, daughter of Athanasius Ford, formerly deputy collector of the port of Philadelphia, and has three daughters and one son living.

TERHUNE, ARCHIBALD ALEXANDER, Jefferson, Texas, son of Cornelius D. Terhune, a member of the bar of Monticello, Jasper co., Ga., was born at that place, Jan. 3d, 1825. His literary and classical education was obtained at Oglethorpe univ., at Medway, Ga., and he studied medicine with Dr. Charles Griffin, of Cassville, Ga.; at the Memphis med. coll.; and the Jefferson med. coll.; graduating from the latter in 1848, and settling first in Rome, Ga.; then in Eufuala, Ala., returned to Rome, and after the war settled in Jefferson, Texas. He is a member of the Texas State med. asso. His practice is general, but his specialty is diseases of women and children, and while performing surgical operations does not seek them. During the war was phys. for the 18th Ga. reg., refusing the appointment of surg., subsequently captain of an independent company raised for home protection, in which capacity he remained to the close of the war.

FORCE, JACOB F., Heron Lake, Minn., was born at Stillwater, Saratoga co., N. Y., March 2d, 1843. His professional education was received in the univ. of Albany, N. Y., whence he was graduated M. D. in 1871. After practising for a few months at Stillwater he established himself at Heron Lake in the spring of 1872. He is a member of the Minn. State med. asso. In 1875 he was elected sup't of schools for Jackson co., and in 1877 was re-elected for a further term of two years. He is postmaster at Heron Lake, and also is exam. surg. to the U. S. pension bureau. During the late war he served (from 1862) as an officer of the line of the U. S. vol. army; was present at Harper's Ferry, Gettysburg, Brandy Station, etc.; was wounded in the affair of Chapin's Farm, before Richmond, Sept. 30th, 1864, and in April, 1865, was honorably discharged on account of wounds received in battle. He married, April 4th, 1867, Sarah F., daughter of James Mesick, Esq., of Valatie, Columbia co., N. Y.

HOLCOMBE, JAMES M., Hot Springs, Ark., was born in Marshall co., Miss., June 2d, 1839. He studied medicine at the Jefferson med. coll. and at the univ. of La., graduated in March, 1860, and established himself first in Eldorado, then at Pine Bluff, and finally at Hot Springs, Ark. He is president of the Ark. State med. asso., and while at Pine Bluff held the office of mayor of that city. He was brigade surg. in the Confederate States army during the war; is president of the S. P. and M. railroad company. In 1860 he married Fannie M. Spencer, who died in 1863. In 1865 he married Alabania, daughter of John Hearin, Esq., of Hillsboro', Union co., Ark.

COGGIN, DAVID, Salem, Mass., was born in Massachusetts. He graduated from the med. dep't of the Harvard univ. in 1868, and began practice at Hingham, Mass., moving to St. Louis, Mo., and returning to his native State to settle at Salem. He is a member of the Mass. med. asso.; of the Essex county district med. soc., of which he is secretary, and of the Am. ophthal. soc. His contributions have appeared in the *Boston Medical and Surgical Journal;* the most important, on "Cottage Hospitals," appeared March 9th, 1876. He is ophthal. surg. to the Salem hosp.

GUSTINE, JOHN WOOD, Carroll City, Iowa, was born, Sept. 16th, 1821, in Mifflintown, Juniata co., Pa. He is of Irish parentage on his mother's side, and American on his father's. He was educated in Philadelphia under Prof. George B. Wood, and graduated from the med. dep't of the univ. of Pa. in the spring of 1848. He settled the next year in Pittsburgh, Pa., whence he moved, in 1855, to Panora, Guthrie co., Iowa, and thence, in 1877, to a farm in Carroll co., Iowa, for the purpose of recruiting his health. He is a member of the Iowa Central med. soc., and of the Iowa State med. soc., of which he was treasurer from 1871 to 1877, when he was elected first vice-president. He married Jan. 31st, 1859.

FOLLETT, ALFRED, Granville, Ohio, son of John Follett and Sally Woodworth, was born at Enosburg, Franklin co., Vt., Sept. 1st, 1822. He was educated at the Granville (O.) acad., and graduated at the Starling med. coll. in March, 1848. He settled first in Sandusky City, O., but moved to Johnstown, O., in 1850, and to Granville in 1863. He has attended over two thousand obstetrical cases, among which have been four presentations of the arm, and twenty-three of the breech. He is a member of the Ohio State med. soc.; of the Zanesville acad. of med.; of the Central med. soc., of which he was elected vice-president in Aug., 1877; and of the Licking co. med. soc., of which he was

elected president in Dec., 1876. He was married, April 22d, 1849, to Maria L. Jones, of Sandusky City, O., and has three children, of whom the eldest, George P. Follett, graduated at Marietta in 1876, and is now attending lectures at the Ohio med. coll. in Cincinnati.

BEALL, ELIAS J., Fort Worth, Texas, son of Dr. Jeremiah Beall, was born, Feb. 5th, 1834, at Macon, Ga. He was educated in Hamilton, Ga., and at the Collingsworth institute in Talbotton, Ga., and studied medicine in the med. dep't of the univ. of New York, and in that of the univ. of La., graduating from the latter in the spring of 1856, and receiving the *ad eundem* degree from the Mo. med. coll. in the spring of 1877. He settled first in Elysian Fields, Harrison co., Texas, whence, in 1857, he removed to Marshall, in the same State, and in 1871 took up his residence in Fort Worth, having been meanwhile continually in active civil or military practice. He is a member of the State med. soc. of Texas. Among his contributions to medical literature is a paper on "Injuries of the Knee-Joint," published in the *St. Louis Medical Archives;* one on "An Unusual Form of Abscess," in the *St. Louis Clinical Record;* and the report of a case of the "Extraction of Deciduous Teeth." In the civil war he was surg. of the 15th Texan cavalry in the Confederate army, and also chief surg. of Walker's division. He is med. examiner for various life associations, and was one of the examiners in surgery at the competition for the Lankford prize in St. Louis, 1877. He is married to Fanny, second daughter of Isaac Vanzandt, formerly minister from Texas to the United States.

WESTMORELAND, WILLIS F., Atlanta, Ga., of American parentage and English ancestry, was born in Fayette co., Ga., June 1st, 1828. He studied medicine in the Ga. med. coll., in the Jefferson med. coll., and the med. dep't of the univ. of Nashville, graduating at the Jefferson in 1850. He also passed three years in Europe, principally in Paris, after graduating in the study of his profession. He first settled in Fayette co., and in 1851 removed to Atlanta. His specialty is surgery. He is a member of the Am. med. asso.; of the Ga. med. asso., was its president in 1873; and of the Atlanta acad. of med. He was one of the original founders of the *Atlanta Medical and Surgical Journal* in 1855, and has been connected with medical literature since. From 1854 he has been professor of surgery in the Atlanta med. coll., and has also been engaged in teaching since that date. During the four years of the civil war he held the position of surgeon in the Confederate States army. In 1857 he married M. J. Jourdan, daughter of Warren Jourdan, Esq., of Georgia.

CARHART, GARRETSON LYONS, Mt. Vernon, Iowa, was born in Bethlehem, Albany co., N. Y., June 28th, 1824. He was educated at the Young Men's acad. at Albany, and Jonesville acad., Saratoga co., N. Y., and graduated M. D. from the Albany med. coll. in Feb., 1848. He settled first at Linden, Genesee co., N. Y., then at Alexander, in the same county, and finally at Mt. Vernon. His practice is general, but he gives special attention to surgery. He is a member of the Iowa State med. soc.; of the Iowa Union med. soc., president of the latter in 1874. During the war he was surg. of the 31st reg. Iowa vols.; of the operating corps of the 4th division 15th army corps; and was in charge of the hospital at Marietta, Ga. He married, March, 1850, Martha B. Bancroft, daughter of Dr. Bancroft; she died in Mt. Vernon. In Feb., 1871, he married Elizabeth D., daughter of William D. Spearman, Esq., of Brooklyn, N. Y.

SHIPPEY, ELIJAH A., Hot Springs, Ark., was born at Spartanburg, S. C., Aug. 5th, 1832. He received an academical education, and graduated in medicine at the univ. of Louisville, Ky., in 1854. Settling first in La., he removed in 1873 to Hot Springs, Ark. His specialty consists in syphilography and dermatology. He is a member of the State med. soc. of Ark., and of the Hot Springs med. soc., of which he was formerly president. During the civil war he served as a surgeon in the Confederate army. He is connected with the Hot Springs dispensary. He was married in 1857.

SEMPLE, GEORGE WILLIAM, Hampton, Va., was born, March 10th, 1812, in York co., Va., near Williamsburg, where the battle of Williamsburg was fought. He is a son of James Semple, for many years judge of the general court of Virginia, and prof. of law in William and Mary coll., the family being of Scotch extraction. He was educated at William and Mary coll., from which he graduated, July 4th, 1830, and pursued his professional studies at the univ. of Pa., and the Philadelphia hospitals, graduating from the univ. in 1834. For the first two years after his graduation his time was chiefly taken up in caring for his invalid father at Williamsburg; but in 1836 he removed to Uniontown, Perry co., Ala., where

he practised until 1841, when his health gave way, and the following year he returned to Virginia, resuming the practice, on the restoration of his health, near Charles City Court-house, whence in 1846 he removed to Hampton, his present residence. He is a member of the med. soc. of Va., of which he is now one of the vice-presidents; and has been frequently named a delegate to the Am. med. asso., as he was to the International medical congress. His literary contributions to medicine embrace papers on "Pneumonia and Malarial Influence on the Disease;" "Treatment of Piles by Enemata of Extract of Ergot;" "Cases of Spider-Bite: Treatment of One by Injection of Aqua Ammonia into a Vein;" and "Treatment of Cystitis by Enemata of Sulphate of Atropia." He served as surg. in the provisional army of Va., at the battle of Bethel, and, July 1st, 1861, became a surg. in the Confederate army, having medical charge of the picket force on the peninsula until July 20th, and subsequently of the hospitals of the army of the peninsula in Williamsburg until April, 1862, after which he was on hospital duty in Richmond as surgeon-in-charge of No. 21 till Feb., 1864, from which time until the close of the war he was surgeon-in-charge of Federal prisoners and prison hospitals in Richmond. He is at present a member of the board of directors of the eastern lunatic asylum of Va. He has been twice married, and has one child by his first marriage, and ten by his second.

ACHESON, ALEXANDER WILSON, Denison, Texas, of Scotch-Irish parentage, was born, Oct. 12th, 1842, at Washington, Pa. He was educated at Washington coll., and studied medicine in the univ. of Pa., graduating in March, 1867, and settling first at Beaver, Pa., then in Brooklyn, N. Y., then in Kansas City, Mo., and finally at Denison. He is a member of the Texas State med. asso., and is now its censor. From 1861 to 1865 he was captain Company C, 140th Pa. vols., and was also aid-de-camp to Gen. N. A. Miles. He holds the position of U. S. pension surg., and is officially connected with the Denison and Southeastern railroad. He married in June, 1864.

GILLETTE FIDELIO BUCKINGHAM, Plainfield, N. J., was born, Oct. 31st, 1833, in Nile, Allegany co., N. Y. He is a son of the Rev. Walter B. Gillette, D. D., a grandson of Dr. Fidelio B. Gillette, of Cambridge, N. Y., and a great-grandson of the Rev. William Gillette, M. D., a Huguenot refugee. He was educated at the Union acad. in Shiloh, Cumberland co., N. J., and graduated from the med. dep't of the univ. of Pa., in March, 1856. After practising a while in Belleville, Essex co., N. J., he was made, in Aug., 1857, surgeon of the ship "James Foster, Jr.," and subsequently was appointed apothecary of the Maine hosp., and, on the breaking out of the yellow fever in the ensuing fall, became ass't deputy health officer of the port of New York, under Dr. R. H. Thompson, losing, when the mob of Staten Island burned the quarantine buildings, nearly all he had, including his position. In the spring of 1858 he settled in Daretown, Salem co., N. J., where he practised till the outbreak of the civil war, and at the close of his military service took up his residence in Plainfield, N. J. He is a member of the Union co. med. soc. In 1873, 1876, and 1877, he was city phys. of Plainfield, and from May, 1876, to May, 1877, county phys. of Union co. He was commissioned ass't surg. of the 9th N. J. infantry, Aug. 22d, 1862, and surg., Feb. 8th, 1865, becoming in June, 1865, surgeon-in-chief of the 3d division of the 23d army corps, and med. director of the post at Greenboro', N. C. Sept. 6th, 1865, he was appointed acting ass't surg. in the U. S. army, and was post surg. four years at Natchez, Miss., three months at Galveston, Texas, five months at Indianola, Texas, three months at Corpus Christi, Texas, three months at Fort Brown, Texas, and on active duty with the 10th infantry and 4th cavalry, in Texas, for twenty-two months, when he was relieved at his own request. In 1872, Nov. 1st, he was commissioned by Governor Parker, of New Jersey, surgeon, with the rank of major of the 3d reg. of the National Guard of N. J. He married, Nov. 6th, 1856, Sarah E. McPherson, of Shiloh, N. J.

BUCK, GURDON, New York city, was born in that city, May 4th, 1807. He is a son of Gurdon Buck, a merchant, and Susannah Manwaring, of Connecticut, cousins, both having been grandchildren of Governor Gurdon Sallonstall, of Connecticut. He fitted for college at Nelson's classical school in New York, and then went into business; but subsequently commenced the study of medicine with the late Dr. Thomas Cock, of New York, and graduated at the coll. of phys. and surg. in 1830. After serving the regular term in the medical side of the New York hosp., he spent two years and a half in professional studies in Europe, chiefly in Paris, Berlin, and Vienna. Returning from abroad towards the end of 1833 he settled in New York, where he has since continued to practise. In 1837 he was appointed visiting surg. to the New York hosp., which position he

still holds; and was appointed also visiting surg. to St. Luke's hosp., and the Presbyterian hosp., and consult. surg. to the Roosevelt hosp., at the time of the organization of those institutions. From 1852 to 1862 he was visiting surg. to the New York eye and ear infirmary. He was the first to popularize the treatment of fractures by the use of the weight and pulley, now known as "Buck's Extension." He is a member of the New York patholog. soc., of which he has been president; of the county med. soc.; of the State med. soc.; and of the Am. med. asso.; and has been a fellow of the New York acad. of med. from its organization, and once its vice-president. His professional writings, in addition to a work entitled "Contributions to Reparative Surgery," published in 1876 by D. Appleton & Co., include the following papers: "Researches on Hernia Cerebri following Injuries of the Head," *New York Journal of Medicine and Surgery*, vol. ii., p. 348; "Excision of the Elbow-Joint in a Case of Suppuration and Caries of the Bones," *ibid.*, vol. iv., p. 330; "The Knee-Joint Anchylosed at a Right Angle, Restored nearly to a Straight Position after the Excision of a Wedge-Shaped Portion of Bone, consisting of the Patella, Condyles, and Articular Surface of the Tibia" (with three wood-cuts), *American Journal of Medical Sciences*, vol. xxxvi., p. 277; "Œdematous Laryngitis Successfully Treated by Scarification of the Glottis and Epiglottis," illustrated with four plates, Transactions of the Am. med. asso., vol. i., p. 135; "A New Feature in the Anatomical Structure of the Genito-Urinary Organs not Hitherto Described," illustrated with a plate, *ibid.*, vol. i., p. 367; "Six Additional Cases of Œdematous Laryngitis Successfully Treated by the Scarification of the Glottis and Epiglottis," *ibid.*, vol. iv., p. 277; "A Case of Croup; Tracheotomy Successfully Performed," Transactions of the acad. of med., vol. i., 1851; "On the Surgical Treatment of Morbid Growths within the Larynx, Illustrated by an Original Case, and Statistical Observations Illustrating their Nature and Forms," with a plate, Transactions of the Am. med. asso., vol. vi., p. 509; "A Case of Deep Wound of the Parotid Region, in which a Ligature was Simultaneously Applied to the Common and Internal Carotid Arteries," *New York Medical Times* for November, 1855; "Badly United Fracture of the Thigh, Cases Illustrating Treatment," Transactions of the acad. of med., vol. i., 1855; "Post-Fascial Abscess, Originating in the Iliac Fossa, with a New Method of Treatment," *New York Journal of Medicine* for March, 1857; "Case of Aneurism of the Femoral Artery for which Ligatures were Successfully Applied to the Femoral, Profunda, External and Common Iliac," *ibid.*, for November, 1858; "Improved Method of Treating Fractures of the Thigh," illustrated with a plate and a table of cases and results, Transactions of the New York acad. of med., vol. ii., p. 233; "Description of an Improved Extension Apparatus (by means of Weight and Pulley) for the Treatment of Fractures of the Thigh," *New York Medical Record;* "On Abscess Originating in Right Iliac Fossa, with Table of Statistics," Transactions of acad. of med., vol. ii., 1876; "The Migration of Purulent Matter, and the Anatomical and other Conditions upon which it Depends," illustrated by cases, *Richmond and Louisville Medical Journal* for March, 1876. During the past thirty years he has been, for varying periods, trustee of the coll. of phys. and surg. of New York; of the New York eye and ear infirmary; of the New York dispensary; and of the New York ophthal. and aural institute. He married, in 1836, Henrietta E. Wolff, of Geneva, Switzerland. [Dr. Buck died at his residence in New York, March 6th, 1877, while the present work was in course of preparation, and after this sketch of his professional career was written.]

YANDELL, LUNSFORD PITTS, Louisville, Ky., son of Dr. Wilson Yandell, of Rutherford co., Tenn., and of Elizabeth (Pitts) Yandell, was born near Hartsville, Sumner co., Tenn., July 4th, 1805. His classical education was received in Murfreesboro', and his medical education at Transylvania univ., Lexington, Ky., and also at the univ. of Md., from which he graduated in 1825. He settled in Murfreesboro' in 1826, but removed to Nashville in 1830, to Lexington, Ky., in 1831, and to Louisville in 1837. He is a member of the Lexington med. soc.; of the med. soc. of Tenn.; of the acad. of sciences, Boston; of the Philadelphia acad. of nat. sciences; president of the Louisville, Lexington, and Ky. med. socs.; and of the Louisville coll. of phys. and surg.; and member of the Am. med. asso. He was for six years editor of the *Transylvania Journal of Medicine*, also editor of the *Western Journal of Medicine and Surgery* from 1840 to 1856; and besides editorial articles contributed many papers to their pages, among them a prize essay on "Fever." He is also author of a report on "The Medical Sciences" to the Am. med. asso., 1849; and one on "American Medical Literature" to the same in 1873; also an address on the last subject before the International med. congress held in Philadelphia in 1876. In

1831 he was elected prof. of chemistry in Transylvania univ.; in 1837 to the same chair in the med. institute of Louisville; to the chair of physiology and patholog. anatomy in the univ. of Louisville in 1849, and to the chair of the theory and practice of medicine in the Memphis med. coll. in 1859. In Oct., 1825, he married Susan J., daughter of David Wendel, of Murfreesboro'; she died in 1860. In August, 1861, he married Eliza, daughter of P. Bland, Esq., of Va. [Died, Feb., 1878.]

FLOWERS, SAMUEL BRYCE, Mt. Oliver, N. C., of English and French descent, was born in Wayne co., N. C., Oct. 31st, 1835. He was educated at Wake Forest coll., N. C., and graduated in medicine from the univ. of Pa. in March, 1859, settling the same year in Camden, Ark., but returning to North Carolina in March, 1862. He is a member of the N. C. med. soc., of which he was elected vice-president in May, 1877; of the Eastern med. asso., of which he was elected vice-president in Dec., 1875; and of the Wayne co. med. soc. He has contributed papers to the *Philadelphia Medical and Surgical Reporter*, and to the *Virginia Medical Monthly*. He is a member of the board of health of Wayne co. In the civil war he served as a surgeon in the Confederate army. He has been twice married.

GAMBLE, JAMES, Le Claire, Iowa, was born near Londonderry, Ireland, March 6th, 1821. He studied medicine in the med. dep't of the univ. of Mo. in March, 1847, settling in Le Claire in general practice of medicine and surgery. He is a member of the Am. med. asso.; of the Iowa State med. soc., was its treasurer in 1857, and president in 1870; of the Central Iowa and Ill. med. soc.; and of the Scott co. med. soc. During 1862 he was ass't surg. of the 3d reg. Iowa vol. infantry; has been president of the school board of Le Claire, and mayor of that city; and is noted for the prominent part he has taken in all enterprises tending to the advancement of the interests of the community in which he resides, and the development of the resources of his neighborhood. In July, 1848, he married Eliza, daughter of Robert Goudy, Esq., of Springfield, Ill.

BERLIN, CICERO, Wapakoneta, O., of Prussian descent, was born at Hunterstown, Adams co., Pa., Aug. 6th, 1827. His professional education was received in the Cleveland and Ohio med. colls., his degree of M. D. being conferred by the last-named institution in March, 1863. After attending lectures (in 1851–52) at the Cleveland med. coll., he practised physic for nine years at Brookville, Ohio, removing thence in 1862 to Wapakoneta, where he since has been established. He is a member of the northwestern Ohio med. soc., vice-president in 1867, 1868, and 1869, president in 1877, and member of the Ohio State med. soc. from 1868 to 1877; he was president of the Wapakoneta school board twelve years. He married, Oct. 20th, 1856, Elizabeth, daughter of William J. Hite, Esq., of Cardington, O.

HALL, MOSES SMITH, Harrisville, West Va., of American parentage and Irish descent, was born in Hawley, Franklin co., Mass., March 1st, 1824; educated at East Hampton, Mass., and studied medicine in the Louisville med. univ. He located himself first in Harrisville, Ritchie co., moved to Sistensville, Tyler co., in the same State, but returned to and finally settled in Harrisville in 1854. He is a member of the West Va. med. soc., was its president in 1874, and of the Wood co. med. soc. In 1876 attended the Am. med. asso. He entered the Union army in 1861 as captain, was commissioned lieutenant-colonel of the 10th West Va. reg. infantry, in 1862, and subsequently made colonel. In Nov., 1850, he married Ellen F., daughter of John Sampson, Esq., of Athens, O.

ABBOTT, CHARLES, Winterport, Me., was born in Frankfort, Waldo co., Me., March 27th, 1824. He is a son of Dr. Edmund Abbott, who practised in that place fifty-one years. He studied medicine in the univ. med. coll. at New York, from which he graduated in March, 1849. He settled in his native town, now called Winterport, the town having been divided. His first resection of the shoulder-joint was made in Louisiana, April 14th, 1863, after the battle of Irish Bend in that State. He served in the civil war as surg. of the 26th reg. of Maine vols. He was married, Dec. 23d, 1851, to Harriet N. Chick, eldest daughter of Elisha Chick, Esq., and has four children, his son, Edmund Abbott, being now a student in the New York univ. med. coll.

LINK, HARVEY, Millard, Neb., was born in Washington co., East Tenn., Feb. 4th, 1824. His paternal ancestors emigrated from Germany to Virginia, and his maternal ones from the canton of Zurich, Switzerland, to the same State, where his father, a captain of Virginia volunteers in the war of 1812, was born in 1777. He received his general education at Greenville coll., and Tusculum coll., in Green co., East Tenn.,

and pursued his professional studies at the Ky. school of med. in Louisville, Ky., from which he graduated in March, 1852. He first settled in Greenville, Floyd co., Ind., then in New Albany, the capital of Floyd co., and in Sept., 1856, removed to Millard, Douglas co., Neb. He ligated, on the 8th and 9th of April, 1858, the radial and ulnar arteries, the first operation of the kind in Nebraska; and has since treated two well-defined cases of traumatic tetanus from a wound in the foot, adding to the ordinary treatment the immediate blistering of the well foot at the corresponding spot, removing the cuticle, and dressing with a bountiful supply of sulphate of morphia, re-supplied, and continued. An amelioration of symptoms supervened in good time, and both patients recovered perfectly. The theory of his additional treatment is that sound nerves and absorbents will transmit the sedative to the spine better than diseased ones. He is a member of the New Albany (Ind.) med. soc.; corresponding member New Albany (Ind.) soc. of natural history; member of the medico-chirurg. soc. of Louisville, Ky.; of the Ind. State med. soc.; and of the State med. asso. of Neb., of which he was elected vice-president in Jan., 1874, and again in June, 1877; and a corresponding member of the Omaha (Neb.) patholog. and sanitary soc. He has been a township assessor, a supervisor of roads, a member of the school board, and a representative in the legislature. He married June 1st, 1852.

BUDD, ANDREWS E., Mt. Holly, N. J., was born in Woodbury, N. J., July 18th, 1816. His parents were natives of Prussia, who came to this country quite young, and settled in New Jersey. He attended a full course of medical lectures at the univ. of Pa., from which he graduated in the spring of 1842. He began the practice in Vincentown, Burlington co., N. J., but soon removed to Medford, in the same county, where he resided eighteen years, and then settled in Mt. Holly, the capital of the county, in which he has spent the last fifteen years. He is a member of the Burlington co. med. soc., of which he has been president and secretary, and is now treasurer; and was a delegate to the Am. med asso. at New York, as also at Philadelphia. He married Dec. 22d, 1858, and has two children, son and daughter.

VAN BUREN, WILLIAM HOLME, New York, was born in New York, April 5th, 1819. His grandfather, Abraham Van Buren, a physician, was a son of Dr. John Van Beuren, a pupil of Boerhaave, and a graduate of the univ. of Leyden, who emigrated to New York from a place named Beuren, near Amsterdam, Holland, early in 1700. Shortly after his arrival he was appointed phys. to the almshouse, a position to which his son, Beekman Van Beuren, who was born in New York, and died in 1812, succeeded. His mother was a daughter of John Holme, of Holmesburg, near Philadelphia. His classical education was obtained at Yale coll., and his medical education at the univ. of Pa., from which latter institution he graduated in 1840. After some time spent studying in Paris he entered the army, but resigned in 1845, and took up his residence in New York. He was appointed one of the surgeons at Bellevue hosp. at its organization in 1847, and in 1852 succeeded Prof. Granville Sharpe Pattison in the chair of anatomy in the univ. of the city of New York; he was also appointed in the same year one of the surgeons of the New York hosp. He was also surg., and afterwards consult. surg., to St. Vincent's hosp., and later surg., and afterwards consult. surg., to the Charity hosp., Blackwell's Island. In 1859 he was elected vice-president of the New York acad. of med., and was one of the founders of the U. S. sanitary commission, and served as a member of its executive committee throughout the war. He was also president of the New York patholog. soc. In 1865 he published a volume of "Contributions to Practical Surgery" (Lippincott); "Lectures on Diseases of the Rectum," 1870 (Appleton); "A Textbook on Diseases of the Genito-Urinary Organs with Syphilis" (in connection with his pupil, Dr. E. L. Keys, 1874, Appleton); and has contributed numerous papers to the current medical journals. Besides the above he translated and edited "Morel's Histology" in 1854 (Bailliere), and also "Bernard and Huette's Operative Surgery," a work which was furnished by the United States government to the army surgeons during the late war. In 1842 Dr. Van Buren married a daughter of the late Dr. Valentine Mott, of New York.

BAXTER, WILLIAM HENRY, Wilton, Iowa, was born, Dec. 28th, 1828, in Cannonsburg, Washington co., Pa. He is a son of Joseph Harris Baxter and Isabella Baxter, of Scotch-Irish descent. He was educated at common schools, and at the New Hagerstown (O.) acad., read medicine with Dr. John H. Stephenson, at Leesville, O., from the spring of 1847 to the fall of 1850, and graduated from the Keokuk coll. of phys. and surg. in 1865, and in the ensuing year from the Chicago med. coll. In 1851 he lived at New Franklin, O., whence he re-

moved in 1852 to Moscow, Iowa, and thence to Wilton in 1867. He is a member of the Muscatine co. med. soc.; of the Iowa and Ill. district med. soc.; of the Iowa State med. soc.; and of the Am. med. asso. He was married in 1852 to Matilda J. Wright, of New Franklin, O., and again in 1864 to Mary E. Small, of Washington, Ill., having two children living by the first marriage, and three by the second.

HAYWOOD, RICHARD B., Raleigh, N. C., was born in that city, Nov. 5th, 1819. His grandfather on the paternal side was Col. William Haywood, of Edgecomb, and on the maternal side Col. Philemon Hawkins, of the county of Warren, both members of the convention, in 1776, that formed the constitution, and both active patriots of the revolution. He graduated from the univ. of N. C. in 1841, and from the Jefferson med. coll. at Philadelphia in 1844. He established himself in his native place. In 1851 he became a private pupil of the celebrated Velpeau, in Paris, France. He is a member of the med. soc. of N. C., and of the Raleigh acad. of med., of which he has been president. In 1862 he was appointed by Governor Vance senior surg. of the N. C. troops, and was assigned to duty in the surgeon-general's office. After the battles of Seven Pines, Malvern Hill, Spottsylvania, Cold Harbor, and Chancellorsville, he was assigned to special duty at Richmond. He is phys. to the N. C. institution for the deaf and dumb and blind. He married, Nov. 19th, 1851, Julia Ogden Hicks, of Waverly Place, New York city, and has a family of nine children.

ALLEN, DAVID B., West Liberty, O., was born in Champaign co., O., Dec. 1st, 1823. His father was a native of Pennsylvania; his mother of New York. He was educated at the Norwalk seminary, and after attending lectures in the med. school at Willoughby, O., graduated from the med. dep't of the Iowa State univ. in 1862. He commenced the practice in Delaware co., O., whence he removed to West Liberty, Logan co., O., and thence to Iowa, where he remained till the outbreak of the civil war, after the close of which he returned to West Liberty, his present residence. He is a member of the Logan co. med. soc., and of the Ohio State med. soc. He entered the army as ass't surg. of the 1st Iowa vol. cavalry, and remained with that regiment, acting as surgeon, for eighteen months, when he was commissioned surgeon of the 30th Iowa infantry, in the 1st division of the 15th army corps, under Gen. Sherman, and served in that position until the winter of 1864. He resigned his commission on account of ill health, and left Sherman, 15th corps, at Huntsville, Ala. He married in Delaware co., O., in 1848.

FUQUA, WILLIAM MORTON, Hopkinsville, Ky., of Huguenot descent, was born in Charlotte co., Va., Jan. 16th, 1838. He is a son of Dr. William Armistead Fuqua. He studied one session at the univ. of Va. in the med. dep't, and graduated from the Richmond (Va.) med. coll. in March, 1859. He began his practice in Richmond, Va., but in 1868 settled in Hopkinsville, Ky. His practice includes the resection of the entire clavicle, as also of the radius entire, the resection of the tibia, and ovariotomy. He is a member of the Christian co. med. soc.; of the McDowell med. soc.; of the Richmond (Va.) acad. of med.; of the Ky. med. soc.; and of the Am. med. asso. In the civil war he served as a surgeon in the Confederate army. He married, Feb. 27th, 1861, Vandalia Davis, of Richmond, Va., daughter of Capt. John Davis, formerly of Norfolk, Va.

GOODWIN, JAMES S., Portland, Me., was born in South Berwick, Me., Nov. 11th, 1793. He is the youngest of the eleven children of Maj.-Gen. Ichabod Goodwin, of the old Mass. militia; for thirty years sheriff of York co., Me.; and is the great-great-grandson of Daniel Goodwin, who came from Essex co., England, and lived in the parish of Berwick, Kittery, Me., before 1658. He fitted for college at the South Berwick acad., and in 1807 entered Dartmouth coll., N. H., from which he graduated in 1811, and commenced the study of medicine in South Berwick under Dr. Richard Hazeltine, remaining with him one year, when he attended the Dartmouth med. school, graduating from it in 1814. Soon after his graduation he received notification from the surgeon of a Massachusetts regiment on our northern frontier that he was appointed an ass't surg. in the regiment, with directions to join it upon the receipt of orders, which, however, never came, peace being presently restored. In May, 1815, he began the practice at Saco, Me., where, and at South Berwick, he passed the greater part of forty years, retiring in 1854, and removing to Portland. He was one of the original members of the Me. med. soc., of which he was also one of the first censors, and is now an honorary member. He married, Dec. 16th, 1816, Hannah Gookin, of Portsmouth, N. H., granddaughter of the Rev. Nathaniel Gookin, formerly of

Northampton, N. H. He has had seven children, of whom four are living. His wife died in 1874, aged eighty.

HOLMES, JOHN CALVIN, Cranberry, N. J., of English and Scotch ancestry, was born in Cranberry, Jan. 11th, 1842. He graduated A. B. from Princeton coll. in 1861, and M. D. from the coll. of phys. and surg., New York, in 1864, and settled, in general practice, in Cranberry, Middlesex co. His specialty is obstetrics. He is a member of the Middlesex co. med. soc., and of the N. J. State med. soc. In March, 1871, he married Louise M., daughter of Henry Powell, Esq., of Camden, N. J.

SUITER, AUGUSTUS WALTER, Herkimer, N. Y., son of James A. and Catharine Suiter, was born in Herkimer, Herkimer co., N. Y., May 13th, 1850. He was graduated at Fairfield acad., Fairfield, N. Y., in July, 1867; at the Oneida conference seminary, Cazenovia, N. Y., in July, 1868; and at the coll. of phys. and surg., New York city, in March, 1871, having spent one year in the med. dep't of the univ. of Mich. In Sept., 1871, he was appointed resident phys. in the R. I. hosp. at Providence, serving one year, after which he settled in Herkimer. He is a member of the Herkimer co. med. soc., of which he was elected secretary (corresponding and recording) in June, 1872, and has been re-elected each year since. During 1870 he was clerk to the committee on printing in the Federal house of representatives, and in 1875 treasurer of the village of Herkimer. Elected in Nov., 1877, to the office of coroner by the county of Herkimer for three years from Jan. 1st, 1878.

HURST, DENISON A., Oskaloosa, Iowa, was born in Ross co., O., Oct. 18th, 1829, his parents being Hooper and Elizabeth Hurst. He was educated in the schools of South Salem, O., and attended his first course of medical lectures at Cleveland in 1852–53; his second course, the following year, at Starling med. coll., Columbus, whence he graduated in March, 1854. He began practice in Bloomfield, Iowa, in the spring of 1855, and removed to Oskaloosa in 1866. He is a member of the Mahaska co. med. soc.; of the Des Moines Valley med. asso.; of the Iowa State med. soc.; and of the Am. med. asso. Of the Mahaska co. med. soc. he was elected president in 1873, and served one year. In 1876 he was elected president of the Des Moines Valley med. asso. During 1864 and 1865 he represented Davis co. in the State legislature. He was ass't surg. of the 19th Iowa infantry from Sept., 1862, until March, 1863, when he resigned on account of ill health. He is med. examiner for several life insurance companies, the Mutual of New York, the New York, the Connecticut Mutual, and the Charter Oak. He was married in December, 1857.

HOTZ, FERDINAND CARL, Chicago, Ill., born in Wertheim, Baden, Germany, July 12th, 1843, received a collegiate education at the lyceum at Wertheim, and studied medicine at Jena in 1861 and 1862, at Heidelberg from 1863 to 1866, under Helmholtz, Simon, and Knapp, and at Berlin in 1866 and 1867, under Graefe, Virchow, and Langenbeck. He also spent a part of the year 1867 in study at Vienna. He received his diploma of M. D. from the univ. of Heidelberg in 1865, and after visiting Paris, London, Edinburgh, Glasgow, Dublin, etc., came to this country, and settled in Chicago in 1869. His contributions to medical literature consist of a number of papers to the Ill. State med. soc., and to the *Journal and Examiner*, of which he is associate editor. From 1864 to 1866 he was house surg. in the surg. dep't of the univ. hosp. at Heidelberg, subsequently vol. surg. in the South German army, during the war between Prussia and Austria, in 1866; ass't surg. to Knapp's eye infirmary, Heidelberg, during 1867 and 1868, and ophthal. surg. to the Ill. eye and ear infirmary, a position he has held since 1876. He is a member of the Chicago med. soc.; of the Ill. State med. soc., of which he was vice-president in 1872; and of the Am. med. asso. Since 1875 he has been director of the Chicago public library. In 1873 he married Emma, daughter of A. Rosenmerkel, Esq., of Chicago.

DARNALL, THOMAS MAUZY, Griffin, Ga., of Irish, Welsh, German, English, and Huguenot descent, son of Joshua Darnall, and of Jemima (Mauzy) Darnall, and nephew of Dr. Joseph R. Darnall, of South Carolina, was born in Mecklenburg co., N. C., Oct. 10th, 1799. He commenced the study of medicine in 1815 while engaged as a clerk, and in 1822 entered the office of his uncle, and pursued the study diligently till 1827, when he commenced practice in Mecklenburg co. In 1828 he removed to Georgia, and in December of that year was licensed to practise after examination by the medical board assembled at Milledgeville, and appointed under enactment of the legislature of Georgia. He settled in Shady Dale, Jasper co., Ga. In 1841 he removed to Panthersville, De Kalb co., and in 1852 to Atlanta.

Here he remained till 1859, when he settled in Griffin. In 1855 he graduated from the Atlanta med. coll. He is the author of an essay on "Pneumonia," read before the Atlanta med. soc., and published in the *Atlanta Medical Journal;* report on "Discussions on Placenta Previa," on "Puerperal Eclampsia," etc., etc. He was formerly a member of the Atlanta med. soc., and of the Am. med. asso. in 1857; and is now a member of the med. asso. of the State of Ga. In 1861 he was appointed surg. of the 27th reg. Ga. vols., a position he held for ten months, and during which time he served at Williamsburg, Seven Pines, and in the seven days' fight near Richmond. In June, 1837, he married Ann H. Dabney, of Decatur, De Kalb co., Ga.; she died in May, 1854. In Dec., 1857, he married Martha A. Hayden, of Atlanta, Ga.

PEPPER, WILLIAM, Philadelphia, in which city he was born, is a son of the late Dr. William Pepper, prof. of the theory and practice of medicine in the univ. of Pa. He was educated at the univ. of Pa., graduating from the acad. dep't in 1862, and from the med. dep't in 1864. From April 1st, 1864, to 1865, he was visiting phys. of the Philadelphia infirmary; from April 1st, 1865, to Oct. 1st, 1866, resident phys. of the Pa. hosp.; from 1866 to 1870 curator and pathologist of that institution; from 1867 to the present time visiting phys. to the Philadelphia hosp.; from 1867 to 1871 pathologist to the last-mentioned institution; from 1868 to 1870 lecturer on morbid anatomy in the univ. of Pa.; from 1870 to the present time visiting phys. to the Children's hosp.; in 1870 lecturer on clinical medicine in the univ. of Pa.; in 1870 and 1871 editor of the *Philadelphia Medical Times;* in 1876 prof. of clinical medicine in the univ. of Pa.; in 1875 and 1876 med. director of the Centennial International exhibition. For his services, in connection with the latter position, he received from the King of Sweden the decoration of knight commander of the order of St. Olaf. He is a member of the coll. of phys.; of the society of the Lincoln institution; of the Am. philosophical soc.; of the patholog. soc. of Philadelphia, of which he was vice-president in 1870, and president from 1873 to 1876; of the acad. of nat. sciences of Philadelphia, in which he has been director of the biological section; of the obstet. soc. of Philadelphia; of the Am. neurolog. asso.; of the Am. med. asso.; of the Pa. State med. soc.; of the Philadelphia co. med. soc.; a delegate to the Centennial International medical congress; and an hon. member of the N. J. med. soc. His contributions to medical literature comprise "Lectures on Morbid Anatomy," delivered in the Pa. hosp., and in the univ. of Pa.; "Lectures on Clinical Medicine," in the Philadelphia hosp., and the univ. of Pa.; a "Catalogue of the Museum of the Pennsylvania Hospital;" a Pennsylvania hospital report on "The Fluorescence of Tissues," prepared in conjunction with Dr. E. Rhoads; "Phosphorous Poisoning," *American Journal of Medical Sciences*, 1869; "Variola," *ibid.*, 1869; "Meigs and Pepper on Diseases of Children," 1870; "Tracheotomy in Chronic Laryngitis," 1870; "Abdominal Tumors," *Philadelphia Medical Times*, 1871; "Trephining in Cerebral Diseases," *American Journal of Medical Sciences*, 1871; "Progressive Muscular Sclerosis," *Philadelphia Medical Times*, 1871; "Local Treatment of Tuberculous Cavities," *American Journal of Medical Sciences*, 1874; "Operative Treatment of Pleural Effusions," *Philadelphia Medical Times*, 1874; "Annual Address in Medicine," before the Pa. State med. soc., 1875; "Sanitary Relations of Hospitals," read before the Am. public health asso., 1875; "Progressive Pernicious Anæmia," *American Journal of Medical Sciences*, 1875; "Cheyne-Stokes Respiration in Tubercular Meningitis," *Philadelphia Medical Times*, 1876; and numerous other articles, lectures, etc., in the *American Journal of Medical Sciences*, *Philadelphia Medical Times*, and *Medical and Surgical Reporter*, as also in the Transactions of the various societies mentioned above. He is a member of the executive committee of the alumni soc. of the univ. of Pa.; chairman of the finance and building committees of the univ. hosp.; a member of the board of managers of the same institution; and also of the board of directors of the Pa. museum of industrial art. He is married.

HEITZMAN, CHARLES, New York, son of Martin Heitzman, chief veterinary surg. of Hungary, was born in Vinkoveze, Hungary, Oct. 2d, 1836. He was educated at the universities of Pesth and Vienna, and graduated in 1859. He located himself, and practised in Vienna, Austria, till 1874, in which year he settled in New York. During his residence in Vienna he was ass't surg. to Prof. Schuh in 1859, and ass't phys. to Prof. Hebra in 1862. His specialty is dermatology. He is a member of the New York co. med. soc.; of the New York patholog. soc.; and of the Am. dermatolog. soc., is now vice-president of the last named; also of the New York acad. of sciences. His contributions to medical science consist of

"Chirurgie, Pathologie, und Therapie," in 2 vols., 1864 and 1868, of which several editions have been published; "Descriptive and Topograph. Anatomy of Man," in 600 illustrations, 2 vols.; "Zur Keuntniss der Dünndarmzotten," Transactions of the Imperial acad. of sciences, Vienna, 1867; "Untersuchungen uber das Protoplasma," Transactions of the Imperial acad. of sciences, Vienna, 1873; "The Cell Doctrine in the Light of Recent Investigations," *New York Medical Journal*, 1877.

SKINNER, GEORGE REED, Cedar Rapids, Iowa, was born at Parma, Monroe co., N. Y., May 19th, 1836. He was educated at Unionville academy, Cortland co., N. Y., and studied medicine at the med. dep't of the univ. of Buffalo in 1859 and 1860, and at the Bellevue hosp. med. coll., N. Y., graduating from the latter M. D. in 1866, settling first at Polo, Ogle co., Ill., and removing to Cedar Rapids in 1871, in general practice, but making a specialty of gynæcology. He is a member of the Iowa union med. soc., was its secretary from 1873 to 1876, and president in 1876, and of the Iowa State med. soc., is now its treasurer. He was contract surgeon in 1862 in the Union army; 1st lieutenant, and subsequently adjutant 92d reg. Ill. vol. mounted infantry; A. A. inspector of Kilpatrick's cavalry under Sherman. In 1867 he married Anna P., daughter of Samuel Coleman, Esq., of Rochester, N. Y.

STEWART, MORSE, Detroit, Mich., third son of George Dorrance Stewart, was born in Penn Yan, Yates co., N. Y., July 5th, 1818. He is a descendant of a Stuart who came to Connecticut from Scotland in 1725, and whose descendants of the second generation Anglicized the name, in consequence of the political antecedents which made its Scotch form obnoxious. He was educated at Hamilton coll., of which he is an alumnus, and graduated from the Geneva med. coll. in 1842. He settled in Detroit, where he has spent his professional life up to this time. For the last thirty years his practice has been such as to preclude much literary activity, and his tastes have withheld him from taking a prominent part in medical societies. The practice has absorbed his powers and bounded his ambition.

HAZLETT, ROBERT W., Wheeling, West Va., was born in Washington, Pa., April 16th, 1828. He was educated at Washington (Pa.) coll., and pursued his medical studies at Jefferson med. coll., Philadelphia, graduating M. D. in the latter institution in 1851, and settling at Wheeling. He is a member of the Am. med. asso.; of the med. soc. of West Va., and of the Wheeling and Ohio co. med. socs., once its president. He has occasionally contributed to various medical journals. During the war he was surgeon to the 2d West Va. vol. infantry, and to the board of enrolment, 1st district, West Va. He is now a member of the board of examining surgeons for pensions at Wheeling. In 1852 he married Mary E., daughter of John L. Hobbs, Esq., of Wheeling, West Virginia.

COON, HIRAM LORENZO, Northfield, Minn., was born at Grafton, N. Y., Aug. 25th, 1828. His professional education was received at the Rush med. coll., whence he was graduated M. D. in 1855. In the same year he began the practice of physic in Rutland, Wis., removed thence in 1857 to Austin, Minn., and in 1861 finally established himself at Northfield. While engaged in a general practice, he has given especial attention to surgery, has performed a number of capital operations with success. He is a member of the Minn. State med. soc. He married Sarah Morton in 1855, daughter of Roger Morton, Esq., of Albion, Wis.

ATWATER, HIRAM HAYDEN, Burlington, Vt., son of the late Dr. William Atwater, was born in Norfolk, N. Y., Feb. 17th, 1828. He was educated in the Burlington, Vt., high school, and in the univ. of Vt., graduating from the latter in 1847, and receiving his degree of M. D. from the Woodstock, Vt., med. coll., in which he studied medicine in 1851. He located in Burlington, thence removed to Brooklyn, N. Y., returning to Burlington in 1861. He is a member of the Burlington med. and surg. club, is now its president; of the Chittenden co. med. soc., was its president during 1871, 1873 and 1874; and of the Vt. State med. soc. He is the author of various papers published in the Transactions of med. socs., and holds the position of instructor of obstetrics in the med. dep't of the univ. of Vt. He was health officer of the city of Burlington in 1867; Vt. State commissioner of the insane, from Nov., 1874, to Nov., 1876, and has been the U. S. examining surg. for pensions since 1862. In Oct., 1860, he married Margaret McMillan, daughter of the late Gideon Kimberly Waring, Esq., of Brooklyn, N. Y.

HUGHES, JAMES B., Newberne, N. C., of American parentage, and of English, Irish, and Welsh ancestry, was born in Newberne, June 9th, 1833. His literary

education was received at Bingham school, and in the univ. of N. C., and his medical education in the office of Dr. Joseph Leidy, Philadelphia, at the univ. of Pa., and in the hospitals of Paris. He graduated from the univ. of N. C. in 1853, and from the univ. of Pa. in 1856, and settled at Newberne. He is in full active medical and surgical practice, has performed nearly all of the amputations, as well as many of the more important surgical operations, and has contributed a number of articles to the medical journals. He is a member of the Am. med. asso.; of the med. soc. of the State of N. C.; and of the Craven co. med. soc. During the civil war he was surg. of the 2d N. C. reg., Confederate States army; brigade surg. of Anderson's brigade; med. director, at Wilmington, of French's division, etc. He has been director of the Merchants' bank of Newberne, and has official connection with various public companies of that city. In Jan., 1859, he married Laura W. Bryan, of Newberne; she died in 18—. In June, 1871, he married Bettie W., daughter of Dr. Reuben Knox, of St. Louis, Mo.

DARBY, JOHN THOMSON, New York city, was born on the 16th day of Dec., 1836, at Pond-Bluff Plantation, St. Matthew's Parish, S. C., and is descended from English colonial residents of the province of the Carolinas. His early education was conducted by private tutors until he entered Mt. Zion coll., a preparatory school of high repute, at Winnsboro', S. C. From this institution he entered the sophomore class of the S. C. coll., and remained until the senior year, but did not graduate on account of a temporary suspension of the exercises of the college. During the following year he attended private medical lectures, subsequently pursued a regular course in the med. coll. at Charleston, and finally graduated as doctor of medicine, in the univ. of Pa., having been a private student of Prof. Leidy. After graduating he became an interne of the St. Joseph and Philadelphia hosps., gave private courses on surgery, and was made demonstrator in the Chant-street school of anatomy, then conducted by Dr. D. H. Agnew. He practised medicine in Philadelphia until the breaking out of the civil war, when he returned to his native State, and at once was appointed surg. in the Confederate army. He served in the field from May, 1861, until the surrender in May, 1865, having held, in succession, the position of surg. to the Hampton Legion, and chief surg., and med. director, in various commands of the armies of Virginia and Tennessee, under Generals Lee, Johnston, Bragg, Beauregard, Hood, and Stewart. Having been sent to Europe during the war on a mission connected with the med. dep't of the Confederate States, he devoted four months to a general study of the hospitals of London and Paris. Returning to Europe at the close of the war, he pursued his studies in the hospitals both of the continent and of Great Britain, devoting his attention chiefly to diseases of the rectum, gynæcology, ophthalmology, and dermatology. He served as a volunteer field surg. in the Prussian army during the German war of 1866. In 1868, while still absent in Europe, he was elected to the chair of anatomy and surgery in the univ. of S. C., and on his return established himself in Columbia. The efficiency of the college having been greatly impaired through political complications growing out of the civil war, he resigned his professorship. In Sept., 1873, he accepted the professorship of surgical anatomy in the univ. of New York, and was appointed in the following May to the chair of surgery in that institution, which he now fills. He is also visiting surg. to Bellevue and Mt. Sinai hosps. of New York; a member of the acad. of sciences, Philadelphia; permanent member of the Am. med. asso.; and a member of the neurolog. soc.; Medical Journal asso.; of the county med. soc. of New York; and ex-president of the State med. asso. of S. C. He has found time, while actively engaged in professional and professorial duties, to contribute "A Thesis on the Anatomy, Physiology, and Pathology of the Supra-Renal Capsules," "Campaign Notes on the German War of 1866," "Horse-hair as a Ligature and Suture," "Liquid-Glass as a Surgical Dressing," and "The Trephine in Traumatic Epilepsy," besides military and civil medical reports and addresses, and notes on original operations and instruments. In 1864 he was married to Mary, the eldest daughter of Gen. John S. Preston, of South Carolina, and has pursued the practice of his profession in New York city since accepting the chair of surgery in the univ. of New York.

THAYER, AUGUSTUS SPAULDING, Portland, Me., was born, March 18th, 1835, at Paris, Oxford co., Me. He was educated at the Paris Hill acad., and the Bethel Hill acad., and pursued his professional studies at the Portland school for medical instruction, the Me. med. school, and the univ. of Pa., where he graduated March 12th, 1864. He settled in Portland; and is a member of the Portland soc. of nat. history; the Cumberland co. med. soc.; and the Me. med. asso. In 1866 and 1867 he was city

phys. of Portland, and at present is one of the attending phys. at the Me. general hosp. Is also at present (Dec., 1877) president of the Cumberland co. med. soc. He married in 1867.

SILLIMAN, BENJAMIN, New Haven, Conn., son of Benjamin and Harriet (Trumbull) Silliman, was born in New Haven, Dec. 4th, 1816. After a sound preparatory training he entered Yale coll. in Aug., 1833, and graduated in 1837. Among his classmates were Samuel J. Tilden, William M. Evarts, Edwards Pierrepont, James D. Whelpley, Morrison R. Waite, and others distinguished in professional and political life. After graduation he was employed as assistant and teacher in the dep'ts of chemistry, mineralogy and geology in Yale coll., and in original studies and investigations in these sciences, and their practical applications in the arts. In 1838 he became associate editor with his father of the *American Journal of Science and Arts*, until the close of the first series of fifty volumes of that journal in 1845. During the succeeding year, with the accession of Prof. James D. Dana, the management of the second series of that journal devolved upon the younger editors. In the same year he was appointed at Yale prof. of chemistry applied to the arts, the first appointment in the "Fourth Department of Philosophy and the Arts" then inaugurated. The history of this department is interesting, and is entitled to some space here, as in its later form the institution is destined to become Prof. Silliman's principal monument. In 1842 he commenced to receive private pupils in analytical chemistry and mineralogy, in an apartment of the old laboratory in Yale coll., which he had fitted up at his own expense for this purpose, and to conduct original investigations in science. Previously to this time there had been no provision made for the instruction of advanced students in physical and chemical science either at Yale coll. or elsewhere in the United States, and the academical students had been instructed in chemistry almost exclusively by public lectures. These studies under Mr. Silliman were entirely outside the college curriculum, and for some years the college took no cognizance of the effort. The students it brought to the university were not even recognized at such, nor for some years did their names appear in the college catalogue. But in 1846 a memoir asking for the official recognition and organization of the new department of advanced science teaching was presented to the corporation of the college, and at Mr. Woolsey's suggestion a committee was appointed, and the plan widened to embrace advanced instruction in other subjects. This committee reported in 1847 the plan of a "Fourth Department," devoted to philosophy and the arts, the first appointments to which had already been made in 1846, Mr. John P. Norton to agricultural chemistry, and Mr. Silliman to chemistry applied to the arts. The Yale scientific school, as then organized, commenced its operations in 1847, opening its laboratories in the old presidential mansion. The entire cost of fitting and furnishing the laboratories, apparatus, libraries, and cabinets was defrayed out of the private means of the two professors. But pupils came in goodly numbers, and to-day the Sheffield scientific school, into which the movement has developed, embraces more professors than the old academic college had in 1837, with a roll of over two hundred students, and with constantly increasing power and endowments. In 1849 Mr. Silliman was elected to the chair of medical chemistry and toxicology in the med. dep't of Louisville univ., and its duties he discharged for five winters. In 1854 he resigned this position to take up the instruction in chemistry in the acad. and med. dep'ts at Yale, made vacant by the resignation of his father. His chair was known as that of general and applied chemistry. He resigned his duties in the acad dep't in 1870. Apart from his collegiate labors, Prof. Silliman has given much time to other means for the diffusion of scientific knowledge. In 1845–46 he gave, in New Orleans, a course of lectures on agricultural chemistry, upon the invitation of the leading professional and commercial men of that city, and this, it is believed, was the first course of lectures on that subject given in the United States. In 1853 he accepted charge of the chemical, mineralogical and geological dep't of the Crystal Palace in New York, and also, in connection with Mr. Charles R. Goodrich, edited the *World of Science, Art, and Industry*, illustrated, 500 figures, pp. 207, 4to., and in 1854, *The Progress of Science and Mechanism*, 4to., pp. 258, in which the chief results of the great exhibition were recorded. He was one of the fifty original members named in the act of Congress in 1863 incorporating the national acad. of sciences, and served the government in this capacity during the war upon some important commissions. He is also one of the trustees of the Peabody museum of natural history, and is a member of numerous scientific societies on both sides of the Atlantic. In 1849 he received the honorary degree of M. D. from the univ. of Charleston, S. C. In 1868 he parted with his private cabinet of minerals, of his own collecting, to Cornell univ., where it is now exhibited as the "Silliman Cabinet."

He has made important additions to the mineralogical collections of Yale coll., and to the metallurgical cabinet of the scientific school, the results of his various explorations. These have been largely prosecuted in California, which he visited in 1864, 1867, and 1872 for professional work in the mines, and for mineralogical and geological researches. His visit in 1867 was made the opportunity by the coll. of Cal. to secure him for the delivery of the annual oration, which was subsequently published. The funds by which the mineralogical cabinet of the late Baron de Lederer was added to the Yale coll. collections, in 1843, were solicited by him. For some years he has been much occupied as a witness in the courts, having been employed in many important causes in which scientific testimony and investigation were called for. His aid has also been constantly invoked in various matters connected with the practical arts, where a knowledge of scientific principles is involved. He has since 1848 been a director of the New Haven gas works, and chairman of the committee on works and distribution. Other service has been rendered by him in the city government, he being a member of the common council from 1845–49. His "First Principles of Natural Philosophy or Physics," published in 1858, reached a second edition in 1861. He was married, May 14th, 1840, to Susan H. Forbes, daughter of William J. Forbes, Esq., of New Haven, and has had seven children.

DARRACH, JAMES, Germantown, Philadelphia, was born in Philadelphia, Dec. 8th, 1828. He is the son of Dr. William Darrach, a descendant of William Bradford, the first printer in Pa., and the founder of the first newspaper in New York, and Margaret Monro, descended from Col. Haslett, who fell at the battle of Princeton. He was educated at the univ. of Pa., from which he received the degree of A. B. in 1849, and that of M. D. in 1852, having spent a part of the interval in his father's office. He settled first in Philadelphia, where he resided till 1861, when he removed to Germantown. After graduating he studied analytical chemistry in Booth's laboratory for six or nine months, was acting librarian in the Pa. hosp. for three months, and resident phys. and surg. in the same institution for eighteen months, including the period of what is popularly known as the yellow fever epidemic of 1854. He delivered a course of lectures on the practice of medicine in the Philadelphia med. school, and was lecturer on materia medica in the Philadelphia school of med. until it broke up. He was ass't demonstrator of anatomy, and clinical assistant in the univ. of Pa. for four years; and carried forward a course of lectures on urinary pathology for three or more winters. He is a member of the Philadelphia co. med. soc.; of the pathol. soc.; of the coll. of phys.; and of the acad. of the nat. sciences. The Transactions of most of these societies, if not all, have been enriched by contributions from his pen. During the late war he established the Cuyler hosp. at Germantown, of which he was one of the surgeons in charge, U. S. army. He married Sarah Morris, granddaughter of Robert Morris, the eminent financier of the revolution, and one of the signers of the Declaration of Independence.

BATES, JOSEPH, New Lebanon, N. Y., was born, Sept. 16th, 1804, at Worthington, Hampshire co., Mass., as was his father before him. He was educated at the Bennington (Vt.) acad., and graduated from the Vt. acad. of med. at Castleton (now known as the Castleton med. coll.) in 1832. He settled first at Bennington, Vt., remaining there one year; next at White Creek, Washington co., N. Y.; then at Canaan, Columbia co., N. Y., where he resided two years; and finally at Lebanon Springs, Columbia co., N. Y., his residence now, as it has been for the last forty years. He is a member of the Washington co. med. soc.; of the Columbia co. med. soc., of which he has been censor for several years, and president for five; of the N. Y. State med. soc.; and of the Am. med. asso. During his presidency of the Columbia society he delivered an address annually, five in all, of which three have been published in the Transactions of the State soc.; and he was for sixteen years editor of the *Journal of Materia Medica*. He married, April 24th, Eunice M. Turner, of Springfield, Mass., and has two daughters and two sons, of whom the eldest, X. T. Bates, graduated at Yale, and at the Albany med. coll., and is now practising at New Lebanon.

COLEMAN, RUFFIN, Athens, Ala., grandson of a colonel in the revolutionary war, was born at Athens, Limestone co., Ala.; studied medicine at the univ. of Nashville, Tenn., from which he graduated in February, 1869, and settled first at Bethel, Tenn., next at Mt. Rozel, Ala., and then at Athens. His practice includes an inveterate case of neuralgia permanently relieved by quinine, iron, and mercury, and a fracture of the olecranon treated with perfect success. He has a preference for surgery, but no specialty. He is a member of the Limestone co. med. soc.; of the Ala. State med. soc., of which

he was elected secretary in March, 1877; and of the Am. med. asso. He served in the Confederate army during the late war.

ADLER, ISAAC, New York city, was born in 1849 in Germany. He was educated at Columbia coll., New York, and studied at the universities of Heidelburg, Vienna, Berlin, and Prague, graduating in medicine in 1871. He settled at first in the city of New York, where he now resides. He is a member of the N. Y. county med. soc., and of the New York Medical Journal asso. He is at present surgeon to the German dispensary, and to the German hospital.

COWAN, JOHN A., Auburn, Ind., of Scotch-Irish extraction, was born in Decatur, Ind., March 1st, 1843. He studied medicine at the Rush med. coll., Chicago, Ill., and the Detroit med. coll., graduating June 9th, 1869. He settled in Auburn, De Kalb co., where he has since resided. He is a member of the De Kalb co. med. soc., of which he is secretary; of the Ind. State med. soc.; and of the Am. med. asso. He is a member of the city council of Auburn. During the civil war he served in the 89th reg. of Ind. vols. He married in 1869.

BARNES, HORACE B., Ionia, Ionia co., Mich., of American parentage, was born in Chandon, O., Aug. 15th, 1834. His early education was received in his native State, and his medical education in the med. dep't of the univ. of Mich., and in the med. dep't of the Louisville univ., from which latter he graduated M. D. in 1859. He first located himself at Chesaning, Saginaw co., and after remaining there two years removed to Ionia, where he has since pursued a general practice. He has been twice vice-president of the Mich. State med. soc., and holds that office now, and permanent member of the Am. med. asso. During part of the year 1865 he was ass't surg. at the naval school hosp. at Annapolis. In July, 1861, he married Marietta Sinclair.

COATES, ELIAS FRANKLIN, Mystic Bridge, Conn., son of Elias Coates, a farmer, was born in Plainfield, Conn., Aug. 21st, 1820. He was educated at the Plainfield acad., and pursued his professional studies at Berkshire med. coll., and the med. dep't of Yale, graduating in January, 1843. He settled at Mystic Bridge, New London co., Conn., where he has since resided. His practice has included some notable cases of conservative surgery and extra-uterine pregnancy. His specialty is gynæcology. He is a member of the New London co. med. soc., and of the State med. soc. of Conn. His contributions to medical literature embrace papers on "Cleft Palate," "Injury to the Knee-Joint," and "Uterine Diseases," a biographical paper, and various other productions of the like kind. He married Ellen F. Avery, Aug. 10th, 1848, by whom he has two children.

CLEGG, JOSEPH THOMAS, Davysaw, Ark., was born in Jefferson co., Ark., Feb. 21st, 1850. He acquired his education in the common schools of the country, supplemented by constant self-application at home, and graduated in medicine from the univ. of Nashville, March 1st, 1873. In the following June he settled at Red Bluff, Ark., remaining there till November, 1876, when he removed to Davysaw, Grant co., Ark., where he is now established. His first surgical operation of any note was the amputation of the breast in 1874 on account of a cystic growth. The operation was successfully performed. He is a member of the State med. soc. of Ark., and of the Pine Bluff and Jefferson co. med. soc., of which he was elected president at its organization in 1875, and re-elected in 1876. He married Ida Daugherty, Nov. 9th, 1875.

GALLAGHER, FRANK, New Haven, Conn., of Maryland and Connecticut parentage, was born in New Haven, Conn., March 19th, 1845. He was educated at the Hopkins grammar school, and graduated from the Yale med. coll., July 6th, 1864, establishing himself in his native place. His specialty is surgery. He is a member of the New Haven med. soc.; of the New Haven co. med. soc.; and of the State med. soc. of Conn. For three years, beginning with 1874, he was registrar of vital statistics for the town of New Haven. During the civil war he was a volunteer medical cadet; and is now surgeon-general of the State of Connecticut. For the last six or eight years he has done a large share of the surgical business of the New York, New Haven, and Hartford railroad company.

CLAPP, ELMER F., Iowa City, Iowa, of Welsh and Scotch descent, was born, April 10th, 1843, in St. Lawrence co., N. Y. He was educated at the normal univ., Bloomington, Ill., and graduated from the Bellevue hosp. med. coll., New York city, in 1870. He settled first in Braceville, Ill., whence he removed to Washington, Iowa, and thence to Iowa City. Among other surgical operations he has performed herniotomy, lithotomy, and

tracheotomy. He is a member of the Iowa City med. asso., of which he has been president since 1875; of the Johnson co. med. soc., of which he was secretary from 1873 to 1875; of the Washington co. med. soc., of which he was secretary from 1870 to 1871, and vice-president from 1871 to 1872; of the southern district (Iowa) med. asso.; of the Iowa and Ill. district med. soc.; and of the Am. med. asso. He served in the Federal army during the civil war. In 1871 he was prof. of anatomy in the Iowa State univ., and secretary of the faculty; and in 1873 surgeon to the Mercy hosp., and secretary of its board of directors.

COBB, BENJAMIN FRANKLIN, Wilmington, N. C., son of Enoch and Mary Cobb, of that State, was born, Jan. 1st, 1826, in Wayne co., N. C. He was educated at the Franklin school in Duplin co., N. C., and the Jefferson school in Wayne co., and in 1845–46 took his first course of medical lectures at the S. C. med. coll. in Charleston, taking his second course at the Jefferson med. coll. in Philadelphia, from which he graduated March 27th, 1847. He first settled in Duplin co., but in January, 1871, changed his residence to Wilmington. He has been a general practitioner, but has paid most attention to obstetrics and the diseases of women. In April, 1862, he was commissioned a surgeon in the Confederate army, and served as such till the close of the war, returning to his home, May 16th, 1865. He was married, April 18th, 1850, to Winifred Catharine Loftin, of Wayne co., N. C.

BUTTOLPH, HORACE A., Morristown, N. J., was born, April 6th, 1815, in the township of North East, Dutchess co., N. Y. He is the son of Warren Buttolph, of German descent, and Mary (McAllister) Buttolph, of Irish lineage. He was educated at a school in Dutchess co., and at Stockbridge (Mass.) acad., studying medicine at the Berkshire (Mass.) med. coll., from which he graduated in 1836. He began the practice in his native county, but soon removed to Sharon, Litchfield co., Conn., where he resided five years, at the end of which period he went to New York city, and took a course of medical lectures at the university, in which Dr. Valentine Mott was then a leading professor. Having become interested in mental science as bearing on the treatment of the insane, he visited the principal insane asylums in New England, and on his return was appointed assistant to Dr. Brigham, in charge of the Utica asylum, lately opened, holding the position some five years. In 1847 he was appointed superintendent of the N. J. State lunatic asylum at Trenton, visiting, however, before entering upon the duties of the office, the chief asylums in Great Britain, France, and Germany, not less than thirty institutions in all. After filling the office uninterruptedly for nearly twenty-nine years he relinquished it in April, 1876, to accept the superintendency of the State asylum for the insane at Morristown, to which he had been elected in June of the previous year, and to the design and erection of the edifice for which he efficiently contributed, both as a member of the legislative commission to select the site and prepare the plans, and as superintendent elect, planning many of the features that render it one of the most perfect edifices of the kind, and putting at the command of the commissioners charged with its erection his experience and practical skill. In 1872 he received from Princeton college the degree of doctor of laws. He was married in 1838 to Catharine King, daughter of George King, of Sharon, Conn.; and his first wife dying in 1851 he married in 1854 Mrs. Maria R. Gardner, daughter of Dr. John Syng Dorsey, prof. of anatomy in the univ. of Pa.

AXSON, A. FORSTER, New Orleans, La., was born in Charleston, S. C., where he was educated scholastically and professionally. Since 1846 he has lived continuously in New Orleans, except six months, during which he served as surgeon in the Mexican war, his regiment having been the Andrew Jackson regiment of Louisiana volunteers, one of the four regiments called to the aid of Gen. Zachary Taylor immediately after his victories of Palo Alto and Resaca de la Palma. In 1856 he was chosen president of the State board of health, and held the office for four years. He was one of five physicians appointed by the city council of New Orleans to report on the origin, modes of diffusion, and causes of the yellow-fever epidemic of 1853, the discussion of its origin and diffusion being assigned to him. The report of the commission was favorably noticed by the *British and Foreign Medico-Chirurgical Review*.

CHAMBERS, WILLIAM MORTIMER, Charleston, Ill., of Scotch descent, was born, April 11th, 1814, in Cynthiana, Ky. He was educated at private schools in Cynthiana, and at Augusta (Ky.) coll., graduating in medicine from the Transylvania univ. at Lexington, Ky., in 1844. He commenced practice in Harrison co., Ky., in 1836, continuing there ten years, after which he moved to Covington, Ky., where

he resided nine years, and then, in 1855, removed to Charleston, Ill., his present residence. His practice has ranged over the whole field of surgery, excepting operations on the eye. He is a member of the Ill. central med. soc.; of the Æsculapian soc. of the Wabash valley, of which he has been twice elected president; of the Ill. State med. soc., of which he was president in 1860; and of the Am. med. asso., in which he has held various positions on committees and sections; and in 1854 was a member of the Ky. State med. soc., and its first vice-president. In the civil war he served as a surgeon in the United States volunteers. He married in February, 1838, C. Ann R. Porter, who died in 1840; and in August, 1846, he was married to Mary B. F. Ingals, who died Dec. 30th, 1876. By his first wife he had one child, now living, and by the second wife three children, of whom two are living.

HALLOCK, WINTHROP BAILEY, Cromwell, Conn., was born in Utica, N. Y., Feb. 2d, 1838. He was educated in Westfield acad., Westfield, N. Y., and studied medicine in the med. dep't of the New York univ., and at Long Island coll. hosp., N. Y., graduating in 1864. He located himself at Meadville, Pa., in 1866, and in 1868 was appointed first ass't phys. of the Conn. hosp. for the insane at Middleton, a position he retained till July, 1877. His specialty is insanity; and is medical superintendent of Cromwell Hall, a private asylum for insane, situated in Cromwell, Conn. He is a member of the Middlesex co. med. soc., and he is the author of "Cottage System for the Insane," published in the *New York Medical Journal*, vols. xviii.–xix.; the Annual Report of the Kansas State board of commissioners for 1874; and the Transactions of the Conn. State med. soc. for 1877.

GORDON, SETH CHASE, Portland, Me., born in Fryeburg, Me., Aug. 17th, 1830, is American by birth, but of Scotch descent. He was educated at the public schools, and at Fryeburg acad., and studied medicine at Fryeburg, Dartmouth, and Bowdoin med. school, from the latter of which he graduated May 12th, 1855, settling first at Gorham, Me., but at the close of the civil war establishing himself at Portland. He has made surgery and gynæcology in some degree a specialty, having performed ovariotomy several times, and twice successfully. He is a member of the Me. med. asso., and the Cumberland co. med. soc., in both of which he has been elected to subordinate offices; and of the Am. med. asso. He is an hon. member of the Detroit acad. of med. He has contributed occasional articles to medical journals. He has been a member of the common council and of the school committee of Portland, and president of the Portland army and navy union. In December, 1861, he entered the army as ass't surg. in the 13th Me. vol. infantry, and, Oct. 17th, 1863, was appointed surg. in the 1st La. vol. infantry, serving principally in the dep't of the Gulf. In the summer of 1864 he was made surgeon-in-charge of the general hosp. at Natchez, Miss., and in the following winter surgeon-in-charge of the district of La Fourche, La., on Gen. Cameron's staff, leaving the service July 12th, 1865. He is an associate corporator of the Me. general hosp., of which he is one of the attending surgeons. He is lecturer on diseases of women in Portland school for medical instruction. Has never been married.

LADD, CHARLES HENRY, Winnsboro', S. C., was born at Macon, Ga., April 1st, 1838. He is a son of George W. and Catharine Ladd, the former of Massachusetts, the latter of Virginia. He was educated at Mt. Zion coll. in Winnsboro', and received his M. D. from the univ. of New York in June, 1869. He settled first in Bossin parish, La., but changed in 1865 to Winnsboro', S. C. In 1869 he visited Europe. His notable cases comprise many resections, amputations, etc. His specialty in practice is surgery, in theory chemico-physiology. He prefers conservative surgery. He is a member of the S. C. med. asso., of which he was vice-president in 1873; and was a delegate to the Am. med. asso. in 1877. Among the medical subjects on which he has written are "Tetanus," "Phosphates in Urine," "Surgical Dressings," and "Causes of Miasmatic Fevers." He has also communicated a number of papers to the surgeon-general's office in the U. S. army. In July, 1861, he entered the Confederate army as a private in Company G of the 6th S. C. vols.; in September, 1861, was commissioned ass't surgeon; and in September, 1862, was promoted to the surgeoncy, having his commission antedated to May, 1862, and assigned exclusively to surgical duties for the remainder of the war. Since 1865 he has been associated with A. W. Ladd in the general merchandising and commission business and agriculture.

HILL, WINFIELD SCOTT, Augusta, Me., born in Greene, Me., Jan. 19th, 1839, was educated at Lewiston Falls acad., and Tuft's coll., and graduated from the Bellevue hosp. med. coll. in March, 1867, settling in Augusta. He is a member of the

Me. med. asso.; has contributed a few articles to the *American Journal of Medical Sciences;* and for three years was city phys. of Augusta, Me. Previous to graduating he occupied the position of surgeon's steward U. S. navy. He is examiner for the Berkshire, Ætna, and New England Mutual life insurance companies. In Aug., 1868, he married Katie W., daughter of Eliakim Norton, Esq., of Gardiner, Me.

PARKER, WILLARD, New York city, was born in Hillsboro', N. H., Sept. 2d, 1800. He is descended on both sides from English Puritan stock. The family on the father's side emigrated to Massachusetts in 1640, and settled at Chelmsford, Middlesex co., as farmers. Several members of different branches of the family were active patriots in the war of the revolution. Col. Moses Parker, a great-uncle, who had been distinguished in the French war, was at Bunker's Hill, where he was wounded and taken prisoner, dying in Boston, July 4th, 1775. On the maternal side, his grandfather, Capt. Peter Clark, was with Stark at Bennington, and also at the surrender of Burgoyne. Although born in New Hampshire, his father returned to Massachusetts when he was five years old, and settled on the old homestead, which is now owned by the doctor. Being the oldest, much of his time was spent in working on the farm until he was nineteen, when he took charge of a district school, resolving by such means to prepare for college. He graduated at Harvard in 1826. In his freshman year an incident occurred which attracted his attention to surgery. His chum happened to have strangulated hernia, and was at first attended by the surgeon of the town, but without relief. In the morning Dr. John C. Warren, the professor of surgery in the college, was sent for, and the facility with which he diagnosed the case and reduced the hernia so forcibly impressed young Parker that he resolved to devote his life to the study and practice of medicine and surgery. In the spring of 1827 he received the appointment of house phys. in the U. S. marine hosp. at Chelsea, remaining there about two years, and having the best of opportunities for the study of practical anatomy under the late distinguished surgeon, S. D. Townsend, of Boston. In the winter of 1828–29 he became the private pupil of Dr. John C. Warren, whose lectures he had attended for two years, and whom he had aided in the anatomical department. The office of house surg. had just been created in the Mass. general hosp., and the situation was proffered to Mr. Parker, who gladly accepted it, serving nearly a year, attending lectures in the meantime, and graduating in medicine in Feb., 1830. In the summer of 1829 the med. school at Woodstock, Vt., wanted a lecturer on anatomy, and was referred to Mr. Parker, who delivered an anatomical course there the following year, after graduation. In June, 1830, he was appointed to the chair of anatomy in the Berkshire med. coll. at Pittsfield, Mass., then a leading country school, continuing also to lecture in the Vermont school. In 1832 a vacancy occurred in the surgical chair at Pittsfield, which was also filled by Dr. Parker, he lecturing twice daily. In 1836 he accepted the chair of surgery in the Cincinnati med. coll., and afterwards spent some time in the English and French hospitals. On his return to America he expected to make Cincinnati his home, but on account of ill-health, caused by the climate, and the advice of his medical friends, he removed from the West, and in 1839 was appointed to the chair of surgery in the coll. of phys. and surg. in the city of New York. In the spring of 1840, appreciating the want of practical demonstration in teaching surgery, and not being connected with a hospital, he visited, with the students, two of the city dispensaries. Soon afterwards interesting cases were selected and taken from the dispensaries to the college, then in Crosby street, where the anatomical theatre offered superior advantages for making diagnoses and performing operations before the whole class. This was the commencement of what are called college clinics. In 1845 the present Bellevue hosp., then the city almshouse, was reorganized under a board of governors, and Dr. Parker and Dr. James R. Wood were appointed visiting surgeons. For many years after this no changes were made in his professional relations except an appointment of visiting surg. to the New York hosp. in 1856. On the death of Dr. Valentine Mott, in 1865, who was then president of the N. Y. State inebriate asylum, at Binghampton, Dr. Parker was appointed his successor, a position which he accepted upon concluding that it offered a field for work in which he had taken a deep interest. The success which has attended the institution in overcoming much opposition attests the wisdom of the appointment. The position held by Dr. Parker, and many others in this country and in Europe, is that alcohol is essentially a poison, that it cannot be considered as a food, and should only be used in exceptional cases and under the advice of a physician, and in the preparation of medicines. He received the degree of LL.D. from the college of New Jersey, at Princeton, in 1870. Dr. Parker is now consult. surg. to the New York hosp., Bellevue hosp., St. Luke's hosp., Roosevelt hosp., Mt. Sinai hosp., and emeritus prof. of

surg. in the coll. of phys. and surg., having resigned the active duties of professor in 1870. He is an honorary member of many of the State medical societies. Dr. Parker was the first to point out a condition which is known as "Concussion of the Nerves," as distinguished from concussion of the nerve centres, and which had been previously mistaken for one of inflammation. The operation of cystotomy for the relief of chronic cystitis, and also that for the cure of abscess of the appendix vermiformis are among his contributions to the art of surgery. His operation, introduced several years ago, for laceration of the perineum occurring during parturition, in which the sphincter of the rectum is divided near its coccygeal attachments, and the edges of the septum divided, so as to give increased uniting surface, the strain upon the sutures being taken off by relief incisions, must be regarded as an important advance in the science of surgery. As a teacher Dr. Parker enjoys the highest reputation. With a fine personal presence, and a courteous and affable manner which wins the personal regard of his pupils, he also rivets their attention by his direct and lucid manner in unfolding the principles of his art, and by the unexcelled and simple, and common-sense character of his operations and general treatment. With an erect carriage and elastic step, and an eye and features kindling with animation, he is one of the best examples of the preservation of a splendid physical and mental organization by the observance of those laws of health he has so long and so ably advocated. All the important and rare operations which only fall under the hands of great surgeons have been performed by him with more than average success. He has not been a book-maker, and even the reports of his cases have been made by other members of the profession. A volume compiled from these, and from his private memoranda, could not fail to be welcomed as one of the most important contributions to the physicians and surgeons' library. The following are a few of the cases which have been reported in medical journals: *New York Journal of Medicine*, vol. xiv., p. 206, "Cases of Extensive Encephaloid Degeneration of Kidneys in Children;" vol. xvii., p. 15, "Case of Polypus of the Larynx;" p. 186, "Some Rare Forms of Dislocation;" p. 419, "Trephining the Cranium and Ligature of the Carotid in Epilepsy, and Cure;" vol. xix., p. 164, "Case of Fracture of Processus Dentatus;" p. 207, "Cases of Cancer of Omentum, Stomach, and Rectum;" vol. xxi., p. 51, "On the Radical Treatment of Hydrocele by the Local Application of Lunar Caustic to the Internal Surface of the Tunica Vaginalis;" vol. xxiii., p. 252, "On the High Operation for Stone;" vol. xxiv., p. 152, "Case of Strangulated Femoral Hernia Containing Ovary and Fallopian Tubes;" vol. xxv., p. 189, "Practical Remarks on Concussion of the Nerves." *Medical Record*, April 15, 1867, "Ligature of Subclavian Artery for Axillary and Subclavian Aneurism;" March 1st, 1867, and March 2d, 1868, "Operation for Abscess of the Appendix Vermiformis." *American Journal of Medical Sciences*, vol. lv., p. 274, "Laceration of the Perineum and Sphincter Ani during Parturition, cured by Division of the Coccygeal Attachment of the Sphincter and Subsequent Closure of the Perineum by Sutures." *Archives of Clinical Surgery*, vol. i., p. 71, "Excision of Umbilicus for Malignant Disease." *American Medical Times*, vol. i., p. 114, "Ligature of the Subclavian inside the Scalenus, together with Common Carotid and Vertebral Arteries, for Subclavian Aneurism; Hemorrhage from Distal End of Subclavian; Death after Forty-two Days."

HOBART, ANDREW J., Clinton, Iowa, was born in Pen Yan, Yates co., N. Y., July 15th, 1828, and educated in Oberlin coll., Ohio. His medical studies were pursued at the Mich. univ., and at the Bellevue hosp. med. coll., New York, and he graduated from the former in 1859, and from the latter in 1873. He established himself first in St. Joseph, Mich., afterwards in Jackson, Mich., and finally in Clinton. His specialty is surgery. He is a member of the Am. med. asso.; of the Iowa State med. soc.; and of the Clinton co. med. soc. He has read various papers before the societies of which he is a member on "Placenta Previa," "Hypodermic Injections of Corrosive Sublimate in Cure of Syphilis," "Waste of Human Life from Preventable Diseases," "Ergot as a Toxical and Therapeutical Agent," "Diphtheria," etc., etc. From August, 1861, to October, 1862, he held the position of ass't surg. in the Union army, and surgeon to October, 1864. He is now surgeon of the Iowa division of the C. and N. W. railway company. In 1864 he married.

HOLMES, EDWARD LORENZO, Chicago, Ill., was born at Dedham, Mass., Jan. 28th, 1828. He graduated at Harvard coll., in the class of 1849, and at the Harvard univ. med. coll. in 1854, settling in Chicago. He is the prof. of ophthalmology and otology in Rush med. coll., and one of the founders of the Ill. charitable eye and ear infirmary, organized in 1858. He is a member of the Ill. State med. soc.; of the Am. ophthalmolog. soc.; of the Am. otolog.

soc., of which he was vice-president; and of the International otolog. soc., of which he is also vice-president. He has contributed numerous articles to the *Chicago Medical Journal and Examiner*, and to the Transactions of the above-mentioned societies.

BREHMAN, GEORGE EDMUND, Altoona, Pa., of German descent, was born at Macveytown, Mifflin co., Pa., July 12th, 1846. He was educated at the Macveytown acad., and graduated in medicine from the univ. of Pa., March 13th, 1869. He first settled in his present location. He is a member of the Blair co. med. soc., and of the Am. med. asso. He is also an ex-member of the board of health of Altoona.

DUFFY, FRANCIS, Newberne, N. C., of Irish extraction, was born in Richlands township, Onslow co., N. C., June 24th, 1847. Many members of his family on the paternal side have been of the medical profession, his grandfather having been a medical officer in the British navy. He was educated at public and private schools, and graduated in medicine at the univ. of Va. in 1868, serving in 1873 as resident phys. at the Bay View hosp., Baltimore, and in 1875 graduating from the New York coll. of phys. and surg. He settled first at Catharine Lake, N. C., next at Jacksonville, N. C., and finally at Newberne, where he now resides. He is a member of the N. C. med. soc.; of the Eastern N. C. med. asso., of which he has been secretary since 1875; and of the Craven co. med. soc., of which he was elected secretary in 1875, and president in 1876. His literary work has been confined mainly to some brief articles and reports of cases read before medical societies. He is medical examiner for the Richmond and Arlington life insurance company, and for the N. C. State life insurance company.

DUFFY, CHARLES, JR., Newberne, N. C., brother of Dr. Francis Duffy, was born in Richlands, N. C., July 18th, 1838. He received a common-school education, and graduated at the univ. med. coll., New York, in March, 1859. He first settled in his native township, but in 1871 removed to Newberne. He is a member of the N. C. med. soc., of which he was elected vice-president in May, 1872; of the Eastern N. C. med. soc., of which he was president in 1873, treasurer in 1875, 1876, and 1877; and of the Craven co. med. soc., of which he was president in 1874. He has read a few papers before medical societies. In May, 1861, he enlisted in the Confederate army, and in the following July became ass't surg., and in April, 1864, surgeon, serving in that capacity till the final surrender at Appomattox, April 9th, 1865. From 1872 to 1878 he was a member of the N. C. med. board of examiners, and in 1877 and 1878 a member of the committee of the N. C. board of health.

PRICE, ANSELM D., Harrodsburg, Ky., son of Dr. A. B. Price, of Mercer co., Ky., of Scotch-Irish ancestry, was born in Clark co., Ky., Sept. 1st, 1839. His literary education was obtained at Ky. univ., and his medical education at Bellevue hosp. med. coll., New York, and the med. dep't of the univ. of Louisville, graduating from the latter M. D. in February, 1865. His first place of settlement was in the interior of Mercer co., whence he removed to Harrodsburg, in the same county, in 1869. His practice is general. He is a member of the Mercer co. med. soc.; of the Central Ky. med. soc.; of the Ky. State med. soc.; and of the Am. med. asso. He has been secretary, vice-president, and president of the first and second above-named societies, and corresponding secretary of the State soc. He has read the following papers before the Mercer co. med. soc.: On "Neuralgia," 1866; on "Erysipelas," 1866; and a "Report of a Case of Abscess of Brain," 1868; and before the Central Ky. State med. asso. a paper on "Croup," 1871; one on "Varicose Veins," 1872. Also published in the *Richmond and Louisville Medical Journal* a report on a case of "Heart Disease," 1874; addresses, etc., etc. In March, 1871, he married Linie S., daughter of James Henry, Esq., of Mobile, Ala.

GRUWELL, JOHN PENNOCK, Oskaloosa, Iowa, a descendant on his mother's side of Christopher Pennock, who emigrated to this country at the time of or with William Penn, on his father's side of French ancestry, who early settled on Delaware bay, was born in Marlboro', Stark co., O., May 19th, 1810. He was educated at Friends' school in his native town, and studied medicine at the univ. of Pa. He settled in Columbiana co., O., and after practising many years returned to Philadelphia, and graduated from the above institution M. D. in 1848. He continued practice in Columbiana till 1866, when he settled in Oskaloosa. He is a member of the Am. med. asso.; of the Iowa State med. soc.; of the Des Moines Valley med. soc.; and Mahaska co. med. soc.; and he has held many offices in the State and county societies. He has read a number of papers on medical subjects before the societies of which he is a member,

some of which have been published. He has held the position of lecturer on anatomy, physiology, and hygiene in the Damascus scientific acad., Ohio, and is now lecturer on the same branches of education in the Penn coll., Oskaloosa; and in 1873 was appointed a member of the board, censor of the med. dep't of Iowa univ. for the examination of candidates for doctor of medicine. In May, 1834, he married Sarah, daughter of Levi Miller, of Hanoverton, Columbiana co., O. They have four children, C. B. Gruwell, M. D., and three daughters.

HARDEE, BENJAMIN WHITE, Savannah, Ga., was born, Jan. 1st, 1838, at Hardeeville, Beaufort co., S. C. He is a son of the Hon. White W. Hardee, of Beaufort co., S. C.; and graduated in July, 1857, at the Oglethorpe med. coll., Savannah; graduating in September, 1859, at the Atlanta (Ga.) med. coll., in March, 1861, at the Savannah (Ga.) med. coll., and in February, 1873, at the Baltimore coll. of phys. and surg. He settled in Savannah, Ga. He is a member of the Ga. State med. asso., and of the Ga. med. soc. of Savannah. He published in the *Oglethorpe Medical and Surgical Journal* an article on "Extra-Uterine Pregnancy," re-published in the *American Medico-Chirurgical Review* of May, 1859, and contributed various articles, from 1859 to 1861, to the *Atlanta Medical Journal*, on the use of the ethereal tincture of valerian in the treatment of convulsions in children. He was a surgeon in the Confederate army, chief surgeon of the conscript office at Columbus, Ga., and surgeon and med. director in the engineer department at Augusta, Ga. He was married, in Dec., 1858, to M. T. Lake, of Savannah.

HOLMES, OLIVER WENDELL, Boston, Mass., was born in Cambridge, Mass., Aug. 29th, 1809. He is a son of the Rev. Abiel Holmes, author of the "Annals of America," and Sarah, daughter of the Hon. Oliver Wendell, of Boston. He received his preparatory education at Phillips' acad., Andover; graduated at Harvard univ. in 1829; and after a year's study of law entered the Harvard med. school, from which he graduated in 1836, having previously passed several years abroad in attendance at the hospitals of Paris and other medical centres of Europe. He settled in Boston, where he still resides, though he gave up medical practice about 1849. Among the societies of which he is a member are the Am. acad. of arts and sciences, the Mass. historical soc., and the Mass. med. soc. In 1838 he published three "Boylston-Prize Dissertations;" in 1842 "Lectures on Homœopathy and its Kindred Delusions;" and in 1848 a "Report on Medical Literature," included in the Transactions of the Am. med. soc. He has also published an essay on the "Contagiousness of Puerperal Fever," and, in conjunction with Dr. Jacob Bigelow, an edition of Hall's "Theory and Practice of Medicine," besides his numerous contributions to the periodicals of his profession, not to mention his large and exquisite contributions to literature not medical, but which scarcely the less reflect their splendor upon the profession. In 1839 and 1840 he was prof. of anatomy and physiology in the med. school of Dartmouth coll.; and in 1847, on the resignation of Dr. John C. Warren, he was elected Parkman prof. of anatomy and physiology in the med. school of Harvard univ., in which he still holds the professorship of anatomy. He married Amelia Lee Jackson, daughter of the late Hon. Charles Jackson, of Boston, and has three children.

AGNEW, CORNELIUS REA, New York, was born in that city, Aug. 8th, 1830. His ancestors were Huguenots, Scotch, and north Irish. His paternal ancestors left France at the revocation of the edict of Nantes, and settled in the northern part of Ireland, near Belfast, where they identified themselves with the Scotch Presbyterian church. John Agnew, the grandfather of Cornelius Rea, married a sister of Rev. William Stavely, a resident in the north of Ireland, and for several years thereafter transacted business in Belfast. He came to America in the year 1786, and at first took up his residence in Philadelphia. Shortly, however, he removed to New York city, where he settled permanently, and became engaged in the tobacco, commission, and shipping business. He was succeeded by his son William, a native of Philadelphia, who had been associated with him as partner several years. Grandsons of the founder of this mercantile house continue the business to the present day, and occupy premises built adjoining the original establishment. William Agnew remained in business about sixty years, and became a leading merchant of New York. Early in life William Agnew married Elizabeth Thomson, a member of an old Scotch family which came to America during the year 1771, and settled in Franklin co., Pa. The father of this lady was by profession a surveyor, and surveyed the national turnpike that was built from Chambersburg, Pa., to Baltimore, Md. The subject of the present sketch is the son of William and

Elizabeth Thomson Agnew. His early education was received in private schools, and he was prepared for college by William Forest, of New York. In 1845, being then but fifteen years of age, he entered Columbia coll., and after pursuing the usual course was graduated in 1849. He began the study of medicine under Dr. J. Kearney Rogers, for many years surgeon to the New York hosp., and to the New York eye infirmary, and also prof. of anatomy in the old coll. of phys. and surg. He attended the regular course in the college of physicians and surgeons, and while pursuing his studies entered the New York hosp. as junior walker, receiving shortly afterwards an appointment as senior walker. In 1852 he graduated, and passed the following year as house surgeon in the New York hosp., of which he became also curator. In 1854 he went to the shores of Lake Superior and abode in a small settlement in the mining regions on Portage lake, where now stands the flourishing town of Houghton, for a year practising. He then returned to New York, having received the unsolicited appointment of surgeon to the eye and ear infirmary in that city, and went to Europe to complete his studies to comply with the conditions of the appointment. In Dublin he became a resident pupil of the lying-in asylum, and also attended the clinics given by William Wilde, afterwards Sir William Wilde, at St. Mark's eye and ear hosp., in the same place. Subsequently he visited London, and walked its hospitals, observing the practice of William Bowman and George Critchett, and attending the clinical lectures of William Ferguson. He next visited Paris, where he observed the practice of Velpeau and Ricord, of Sichel and Desmarres in diseases of the eye, and that of Hardy in diseases of the skin. Upon his return to America, in 1855, he established himself in New York as a general practitioner. In 1856 he was married to Mary Nash, daughter of Lora Nash, of New York, merchant. He held his position as surgeon to the New York eye and ear infirmary till April, 1864, when his duties on the U. S. sanitary commission compelled him to resign rather than to impose additional labor upon his colleagues in that institution. In 1858 he was appointed surgeon-general of the State of New York by Governor E. D. Morgan. At the commencement of the civil war the same governor appointed him med. director of the State volunteer hosp., New York, in which position he performed most efficient service. For a long time he had charge of the important trust of obtaining for the regiments passing through New York to the seat of war their medical supplies, being the representative in this work of the surgeon-general of the State of New York. When the famous U. S. sanitary commission organized, and proceeded to secure as colleagues gentlemen supposed to possess special qualifications, Dr. Elisha Harris and Dr. Cornelius R. Agnew were unanimously elected at the first meeting, and to the labors of Dr. Agnew no slight share of the success which attended the commission is to be attributed, as the following extract taken from Charles J. Stille's history thereof proves: "Dr. Agnew brought to the service of the commission the valuable experience he had gained while performing the duties of a medical director of the troops then being raised in New York. He soon exhibited a practical skill, executive ability, and at all times a perfect generosity of personal toil and trouble in carrying on the commission's work, which gave him during its whole progress a commanding influence in its councils. Oppressed by serious and responsible professional cares, he nevertheless watched with keenest interest over the details of the commission's service, and he set an example of self-sacrifice and disregard of personal interest when the succor of the soldier claimed his attention, or required his presence. It is not too much to say that the life-saving work of the commission at Antietam, the relief which it afforded on so vast a scale after the battles of the Wilderness, and the succor which it was able to minister to thousands of our soldiers returning to us from rebel prisons diseased, naked, and famishing, owed much of their efficiency and success to plans arranged by Dr. Agnew, and carried out at personal risk and inconvenience under his immediate superintendence." In conjunction with Drs. Woolcott Gibbs and William H. Van Buren, Dr. Agnew prepared for the quartermaster's department the plans which were subsequently carried out in the Judiciary Square hosp. at Washington, and were more or less accurately followed in the pavilion hospital system of the war. Dr. Agnew was one of the four gentlemen who founded the Union League club in New York city, an organization from which the government derived the most material assistance during the civil war, and which proved no slight factor in supporting the flagging energies of both the people and the government during the darkest hours of the rebellion. He is now one of its vice-presidents. In 1866 he established in the coll. of phys. and surg. an ophthalmic clinic, having been asked by its faculty to do so, and in 1869 was elected clinical professor of diseases of the eye and ear, a position which he still holds. In

1868 he originated the Brooklyn eye and ear hosp., and in 1869 the Manhattan eye and ear hosp., New York. In 1865 he was appointed one of the managers of the N. Y. State hosp. for the insane, Poughkeepsie. He has been twice reappointed, and held from the inception of the undertaking the secretaryship of its executive committee. The educational institutions of the State and city have also received a share of his attention. In 1859 he was elected one of the trustees of public schools in New York city, and subsequently was chosen president of the board. In 1864 he was chosen one of the associate trustees to organize a school of mines in Columbia coll., and on Feb. 2d, 1874, was made one of the trustees of Columbia coll. Dr. Agnew has taken a deep interest in everything relating to the public health, and has contributed some papers to the literature on this subject. He was secretary of the first society that was organized in New York city for sanitary reform, and a member of the committee that prepared the first draft of the city health laws. He has also been a member for many years of the Century club. In 1872 he was chosen president of the med. soc. of the State of New York. He is a member of the following scientific societies: Medico-chirurg. soc. of Edinburgh, Scotland; New York acad. of med.; New York patholog. soc.; med. and surg. soc. of New York city; Am. ophthalmolog. soc., of which he was for several years president; Am. otolog. soc.; New York ophthalmolog. soc., which he aided in founding; International ophthalmolog. soc.; International otolog. soc.; med. soc. of the county of N. Y.; New York acad. of sciences. He attended the International med. congress at the Centennial meeting at Philadelphia. In the past twenty years he has devoted himself particularly to diseases of the eye and ear. As a lecturer Dr. Agnew is fluent and practical. As an ophthalmologist he is widely known. He has contributed useful articles to current medical literature, having published a number of brief monographs of which the following may be mentioned: "A Contribution to the Surgery of Divergent Squint;" "Ophthalmic Notes: 1. Trephining the Cornea to Remove a Foreign Body; 2. A Case of Double, Extremely Minute, and Apparently Congenital Lachrymal Fistula; 3. A Contribution to the Statistics of Cataract Extraction of One Hundred and Eighteen Recent Cases," New York, 1874; "Canthoplasty as a Remedy in Certain Diseases of the Eye," New York, 1875; "Clinical Contribution to Ophthalmology, Reprinted from Archives of Ophthalmology and Otology," vol. iv., Nos. 3 and 4; "Otitis, No. 6, vol. i.; a Series of American Clinical Lectures," edited by E. C. Seguin, M. D., New York, 1875.

HARRISON, ROBERT HENRY, Columbus, Texas, son of Dr. Jesse Harrison, of Fairfax, Va., and of Margaret (Hulsé) Harrison, was born in Gainsville, Hall co., Ga., Nov. 13th, 1826. He was educated in Clarksville, Tenn., and studied medicine in the botanico-med. coll. of Cincinnati, where he graduated in 1846. He subsequently graduated doctor of medicine from the med. coll. of Alabama in 1873. He has resided respectively in Troy, Tenn., Clarksville, Tenn., Memphis, Tenn., Holly Springs, Miss., and finally at Columbus. He is a member of the Texas State med. asso., was its vice-president in 1875, and chairman of some of its principal committees, was its president in 1876; and in his annual address at the close of his term earnestly advocated the "graded course" of professional study in medicine. This society was languishing, and its rejuvenation and subsequent issue of the volumes mentioned below are attributable to the interest which he took in its reorganization. He is the author of "The History of the Epidemic of 1873 in Columbus," and of a "Report on the State Board of Health," published in the Transactions of the Texas State med. asso. for 1874, and "Report of Committee on Epidemics in Denison, Calvert, and Columbus in 1873," and an "Additional Report on State Board of Health in 1875." He entered the Confederate States service as a private in 1861, and subsequently rising to the rank of colonel, commanded a brigade of Alabama reserves at the battle of Gerard, Ala. In May, 1856, he married Martha V., daughter of Dr. Isaac Towell, of Covington, Tenn., who has borne him four daughters and two sons.

HAMMOND, DUDLEY W., Macon, Ga., of English and Scotch ancestry, was born in South Carolina, May 12th, 1809. He commenced the study of medicine with Dr. Henry Freeman, of Carnesville, Franklin co., Ga., and with Dr. Richard Banks, of Ruckersville, Elbert co. He also attended lectures in Charleston, S. C., in 1827 and 1828, and in 1850 received a diploma from the med. coll. of Ga., at Augusta. He practised first at Ruckersville, then at Culloden, Monroe co., where he remained twenty-one years. In 1853 he located in Macon. His practice is general, but his specialty is surgery, in which he has performed most of the capital operations, among them the operation of lithotomy twenty-three times without the

loss of a patient, and all making good recoveries. He has contributed numerous essays on medical and surgical subjects to the medical journals, among them one on an "Improved Plan for Extracting Urethral Calculi," in the Transactions of the med. asso. of Ga. for the year 1870. He is a member and has been twice vice-president of the med. asso. of Ga., and was appointed by that body a delegate to the International med. congress, held in Philadelphia in 1876. In the year 1833 he married M. E., daughter of Hon. (after Rev.) Alexander Speer, ex-controller-general of the State of South Carolina.

STEVENSON, RICHARD RANDOLPH, Farmville, Va., was born in Mercer co., Ky., July 4th, 1825. He is the son of James Hayes Stevenson, an officer in the war of 1812, serving under Gen. Shelby, and participating in the battles of the rivers Raisin and the Thames; and a grandson of Thomas Stevenson, who served under Gen. Washington in the revolutionary war. He was educated in mathematics and the classics in an "old field-school," and read medicine with Prof. H. M. Bullitt, of Louisville, Ky., subsequently attending lectures at the Ky. school of med., from which he graduated in March, 1851. He first settled in Louisville, Ky., and then in Rochester, Ky.; served as surgeon in the Confederate army from 1861 to 1865; and from 1866 to 1874 resided in Nova Scotia, returning in the latter year to the United States, and taking up his residence in Virginia. He is a member of the medico-chirurgical soc. of the Ky. school of med.; of the Halifax (Nova Scotia) med. soc.; of the Nova Scotia provincial soc. of med. and surg.; and of the association of the surgeons of the late Confederate army and navy. He has contributed to the Canada *Lancet* articles on "Treatment of Gunshot Wounds," "A Case of Compound Presentation," and "Phthisis;" and is the author of a work entitled "The Southern Side, or Andersonville Prison," a vindication of the South from charges of cruelty to Federal prisoners of war. He entered the Confederate service as a private in the 2d reg. of Ky. infantry in 1861; became a surgeon, his commission dating back to Dec. 18th, 1861, and assigned to the 6th Ky. reg.; and, Sept. 1st, 1864, was assigned to duty as chief surgeon of the Confederate military prison and hospitals at Andersonville, Ga. As senior surg. of Breckenridge's Brigade he participated in the battle of Shiloh, the sieges and battles in and around Vicksburg, the battles of Baton Rouge, Hartsville, Murfreesboro', Jackson, Miss., Chickamauga, Missionary Ridge, Ringgold, and in the campaign from Dalton to the fall of Atlanta, Ga. He was wounded slightly over the region of the femoral artery at the battle of Shiloh, and (except a few days from the effects of spurious vaccination, shortly after the battle of Murfreesboro') never lost a day from his post of duty during the war. At the close of the war he went to England, and afterward, as mentioned above, settled in Nova Scotia, where he was appointed surgeon in the local forces of Canada by Lord Monck, first governor-general of the Dominion, and assigned to the 8th reg. of Nova Scotia militia, his commission dating from Sept. 2d, 1867; and Jan. 20th, 1873, was commissioned by his honor Lieut.-Gen. Sir Hastings Doyle, lieutenant-governor of Nova Scotia, and commander of her majesty's forces in British North America, as a member of the board of health, and health officer for the district of Colchester.

HOLT, WILLIAM FLEWELLEN, Macon, Ga., of native parentage, born in Bibb co., Ga., Aug. 23d, 1835; educated at the univ. of Ga., from which institution he graduated A. B. and A. M.; studied medicine at Jefferson med. coll., Philadelphia, and graduated M. D. in March, 1857. He settled in active general practice in Macon, Bibb co. He is a member of the med. asso. of Ga., and of the med. soc. of Macon, and has been president of the latter. He was formerly a member of the Am. med. asso. His contributions to the literature of his profession consist of reports of cases published in the Transactions of the med. asso. of Ga. During the civil war he held the position of surgeon in the State service. In June, 1858, he married Mattie C., daughter of Skelton Napier, Esq., of Macon, Ga.

BRADLEY, WILLIAM LOCKWOOD, New Haven, Conn., of American parentage, born in New York city, Oct. 11th, 1837. He was educated at Hopkins grammar school, New Haven, Conn.; at Williston seminary, Easthampton, Mass.; in the academical dep't of Yale, whence he graduated A. B. in 1860, and in the med. dep't of Yale, graduating thence M. D. in 1864. He visited Europe and studied in the hospitals of Paris till 1865, and on his return settled in New Haven. His specialty is obstetrics and gynæcology; and among the notable cases which have come under his observation was one of ante-partum hour-glass contraction of the uterus. He succeeded by skin-grafting in completely and permanently covering the surface, from which the scalp had been entirely removed, in the well-known case of Ann Farley. He

is a member of and has held nearly all the offices in the New Haven med. asso., and the New Haven co. med. soc., also a member of the Conn. med. soc. He published, in 1866, under the auspices of the Conn. med. soc., a paper on "Alcohol as a Dressing for Wounds;" in 1872, one on "The Treatment of Puerperal Convulsions;" also, in 1874, the case of skin-grafting above referred to. He has held the position of demonstrator of Yale med. dep't since 1865; has been attending phys. of the New Haven dispensary; and is attending phys. and surg. of the general hosp. of Connecticut; is director and member of its prudential committee, and vice-president of its medical board. He is also an instructor and manager of the Conn. training school for nurses; and has been secretary and manager of the New Haven Medical Journal club; and has delivered several courses of clinical lectures to the students of Yale med. coll. He is not married.

WILLIS, JOEL S., Waco, Texas, son of Dr. J. M. Willis, was born in Barnesville, Ga., Oct. 6th, 1849. He was educated at Washington and Lee coll., Va., and studied medicine in the univ. of Va., and at Bellevue hosp. coll., New York, graduating from the latter M. D., in 1872, and settling in Waco, in general practice, but making a specialty of surgery. He is a member of the Texas State med. soc., and of the Waco med. asso., was secretary of the latter in 1875, and is now its president; also, Am. med. asso. He was ass't surg. in the Charity hosp., New York, in 1871. In Nov., 1875, he married Mannie B. Davis, daughter of Moses Davis, Esq., of Cold Springs, San Jacinto co., Texas.

ATLEE, JOHN LIGHT, Lancaster, Pa., eldest son of Col. William Pitt Atlee, and grandson of Hon. William Augustus Atlee, was born in Lancaster, Pa., Nov. 2d, 1799. After receiving his preliminary education in the schools of Lancaster, he attended one year (1813–14) at Grey & Wiley's acad., in Philadelphia. He studied medicine with Samuel Humes, M. D., in 1815, and in April, 1820, graduated from the med. dep't of the univ. of Pa. He then began practice in Lancaster, where he yet remains. He was active in the organization of the Lancaster city and county med. soc., of which he was twice elected president. He was one of the originators of the State med. soc., in 1848, became its president in 1857, and was elected one of the vice-presidents of the Am. med. asso. in 1868. At the union of Franklin and Marshall colleges he became prof. of anat. and physiology, and so continued until 1869. He has always taken a lively interest in the cause of education, and having been appointed a school director, in 1822, was for more than forty years an active and useful member of the board. He is a trustee of Franklin and Marshall coll., as well as of the Bishop Bowman church home, of Lancaster. He is president of the board of trustees of the home for friendless children of the city and county of Lancaster, and sustains the same relation to the State lunatic hosp., at Harrisburg. He has been a contributor to the *American Medical Journal*, and other periodicals. He revived the operation of ovariotomy in 1843, and was the first to successfully remove both ovaries at one operation. He was married, March 12th, 1822, to Sarah H., eldest daughter of the late Hon. Walter Franklin, president judge of the courts of Lancaster and York cos.; two of his sons are physicians, while another is a lawyer.

JACKSON, JOHN B. S., Boston, Mass., was born in that city in 1806. He graduated in medicine from Harvard univ. in 1825, and at once began practice in his native city. His specialty is morbid anatomy. He is a member of the Boston society for medical improvement, and others. The catalogues of the museum of the first-mentioned association, and of the Warren (med. coll.) museum, have been prepared by him.

LEVIS, RICHARD J., Philadelphia, Pa., was born there, Jan. 28th, 1827, the son of Dr. M. M. Levis, and grandson of Richard Levis, an officer of the revolutionary army. Originally, the family was French, and the name was written De Levis; but the prefixed particle was dropped on the settlement of his ancestors in England. The American founder of the family was an associate of William Penn, and of the same religious faith, and came to these shores with the Penn colony in 1682. Richard J. was educated in the schools of Philadelphia, pursued a course at the high school, from which he graduated with honor and received the degree of M. A.; and graduated in medicine from the Jefferson med. coll., in 1848. While pursuing his studies at this institution he was also a private pupil of Prof. Mütter, devoting his attention more particularly to surgery. In choosing his profession, which he began to practise immediately after graduation, he was but following in the footsteps of his ancestors, the heads of the family for two hundred years having been medical men. In 1859 he was appointed surg. to the Pa. hosp. During the civil war he was surg. in charge

of two military hospitals in Philadelphia, instituted particularly for the treatment of deformities from gunshot wounds, and while in this position some eighteen hundred cases of amputation came under his care. He was subsequently appointed surg. to the Wills' hosp. for diseases of the eye; and, in 1867, clinical lecturer on ophthalmic and aural surgery in Jefferson med. coll. In 1871 he was elected surg. to the Pa. hosp. On the establishment of the Jefferson med. coll. hosp. in 1877, he was chosen surg., while in the college itself he holds the position of lecturer on clinical surgery. He married, in 1855, Henrietta, daughter of Charles Roberts, Esq., of Philadelphia; she has recently died.

KIRTLAND, JARED POTTER, Cleveland, O., was born Nov. 10th, 1793, in Connecticut, and was the son of Tarhand and Mary (Potter) Kirtland, and grandson of the late Jared Potter, of Wallingford, Conn. He was adopted into the family of his grandfather, and from him and the common schools he acquired his early education. His father being largely interested, in 1799 was appointed general agent of the Connecticut land company, and in 1803 he removed with his family to Poland, Mahoning co., O. From 1807 to 1810 Jared pursued his classical studies in the Wallingford and Cheshire academies. At the age of twelve he was an expert at budding and engrafting, and a student of the Linnæan system of botany. He also, with some assistance, managed the extensive orchards of white mulberry trees established by his grandfather for the cultivation of silk-worms. In 1810 his father became alarmed on account of his health, and sent for him to come west; and in May of that year, accompanied by Joshua Stow, of Middletown, Conn., he started on horseback for Ohio. At Lowville he was joined by Alfred Kelly, on his way to Cleveland. June 4th the party reached Conneaut Creek, where Judge Stow had landed with General Cleveland's party, July 4th, 1776. At Painesville they met General Simon Perkins, and journeyed with him to Warren, and thence, by way of Youngstown, another day's journey brought young Kirtland to Poland, where he found his father, who had recovered from his supposed dangerous illness. He was soon engaged in teaching school. In 1811 his grandfather died suddenly, and left him his medical library and money enough to attend the medical school in Edinburgh, Scotland. On his return to Wallingford he commenced the study of medicine in the office of Dr. John Andrews, and later in that of Dr. Sylvester Wells, of Hartford, Conn., both of whom had been pupils of his grandfather. In 1813 he was well fitted to enter Edinburgh college, but the war with Great Britain prevented; and as the medical department of Yale college would go into operation the ensuing winter, it received and recorded his name as the first on the matriculation book of that institution. While at Yale he received private instruction in botany from Prof. Ives, and mineralogy and geology from Prof. Silliman, and made also great progress in the science of zoölogy without a teacher. After one year at Yale his health required him to take a vacation, which was passed at Wallingford during a time of general sickness. As a physician, quasi, he was very successful in administering to the sick. He then entered the medical school in the univ. of Pa., at Philadelphia. In 1815 he returned to Yale and graduated, and at once settled down to practise in Wallingford, Conn., where he remained two years, and superintended his grandmother's farm, and in his spare hours studied geology, ornithology, and horticulture. In 1818 he again journeyed to Poland and made arrangements to remove his family. But during his absence he was elected, against his expressed wishes, probate judge, and he felt compelled to accept the office, and performed its duties, with the aid of a clerk, until he was invited to settle as a physician in Durham, Conn., where he remained until 1823, when the death of his wife and daughter occurred. He then returned to Ohio. Although he did not intend to practise medicine, but to be a farmer and merchant, calls were constantly made upon him, and finally he associated with him Dr. Eli Mygatt, an able physician. In 1828 he was elected a representative to the legislature, where he succeeded in putting an end to close confinement in the State's prison, and in deriving a profit from the labor of the convicts, so that he was called the father of "the new penitentiary." He continued in the legislature through three successive terms; in the last he succeeded in carrying through the bill for chartering the Ohio & Pennsylvania canal. It was opposed by the Beaver canal company, which had previously obtained a charter. In 1837 he accepted the chair of the theory and practice of medicine, in the Ohio med. coll., at Cincinnati, and continued in that institution until 1842, when he resigned. In 1848, when the first geological survey of Ohio was made, he took part as an assistant, being responsible for the natural history of the State. His reports embrace a catalogue of the fishes, birds, reptiles, and mollusks of Ohio, and were published in the *Boston Journal of Natural Sciences* and in the

Family Visitor. He commenced a cabinet of Ohio mammals, birds, reptiles, insects, and a perfected cabinet of the land and fresh-water shells of Ohio. The legislature stopped the survey, and ultimately he donated his collections to the Cleveland academy of natural history. In 1837 he had made his residence in the neighborhood of Cleveland, where he purchased a fruit farm. In 1841 he accepted the chair of theory and practice and physical diagnosis in the Willoughby medical school, where he lectured one year. In 1843 he filled a similar chair in the new med. dep't of Western Reserve coll., in Cleveland, and continued in it until 1864. In 1834 he announced the existence of sex among the naiades—this was in vol. xxvi. of the *American Journal of Art and Science;* and the discovery created not only discussion but a sensation throughout the scientific world. As early as 1829 he had commenced collecting the land and fresh-water shells of Ohio, and made numerous dissections of them. All previous writers on the subject had looked upon these animals as hermaphrodite, or uniting the two sexes in one individual. But he discovered that about one-half of any given species would be fertile and would teem with young, while the other would be barren, and that certain differences in the form of the shell invariably attended the fertile or barren condition of the animal. He further noticed that at some seasons of the year these two forms would be found pairing and running together on the sand bars in the waters. After long observation, he concluded that the animals were not hermaphrodite, but the sexes are distinct, and that each sex possesses a peculiar organization of body associated with a corresponding form of the shell sufficiently well marked to distinguish it from the others. This view was published, accompanied with sketches of different forms of the shell. The translators of the "German Encyclopædia Iconographie" attempted to refute it in the American edition of that work. They took the ground that the form of the shell peculiar to the fertile individuals is the result of the pressure and distension of the enlarged ovaries. At a meeting of the American association for the advancement of science, subsequent to their criticism, he, in a well-arranged article, read before the meeting at Cincinnati, rebutted the attack and refuted their position by exhibiting a suite of shells, male and female, from the oldest specimens down to the young, taken from the ovaries as early as the complete formation of their testaceous covering. A debate ensued after the reading was finished. One of the translators renewed verbally his criticisms, and was promptly corrected by Prof. Agassiz, who said, "Dr. Kirtland's views are entirely correct, and have been sustained by my own and the German naturalists' investigations." Siebold and his translator, Dr. Burnett, Charles Knight's English Cyclopædia, and Isaac Lea, likewise sustained his views. Space will not permit the recounting of his successes in scientific farming; but he experimented constantly from 1812 to 1847, with very remarkable results. In 1861 the college of Williamsburg, Mass., conferred upon him the degree of LL.D., but at home he is known as "The Sage of Rockport." When the war of the rebellion came he offered his services to Governor Todd, and as examining surgeon for the recruits of the old regiment at Columbus. Later, he was detailed to examine several thousand men who were drafted. He donated all his pay to the bounty fund of Rockport and to the Soldiers' aid society. He was president of the State med. soc. of Ohio for one year, and for many years president of the Cleveland academy of natural sciences and of Kirtland society of natural history in Cleveland. At the age of seventy he declined to lecture on any subject, believing that economy of time was as necessary to intellectual success as financial success. He had printed over his table the motto, "Time is money; I have none of either to spare." Of his long life and great labors more than half have been given to the public without compensation. When by long and tedious experiments he found fruits especially adapted to Ohio, slips, seeds, and young trees were gratuitously distributed throughout the country. He was elected a member of the Am. philosophical soc., in Jan., 1875. He was married in 1815 to Caroline Atwater, of Wallingford, Conn. Three children were born to them, but only one lived—the wife of Charles Pease. In 1824 or 1825 he was again married to Hannah Fitch Toucey, of Newtonw, Conn. He died Dec. 10th, 1877.

WILKINSON, CARY HAMILTON, Galveston, Texas, son of Dr. Benjamin Rush Wilkinson, of Yazoo co., Miss., and grandson of Dr. Cary Wilkinson, of Charles City C. H., Va., was born in Benton, Yazoo co., Miss., Dec. 23d, 1844. He received a classical education at St. Joseph's coll., in Bardstown, Ky., and pursued his medical studies in the med. dep'ts of the univ. of La., New Orleans, and of the Soulé univ., Galveston, Texas, and of the Jefferson med. coll., Philadelphia, and graduated at Galveston in 1867, and at Philadelphia in 1869. He settled in Galveston, in general

practice, but giving special attention to surgery. He is a member of the Texas State med. asso.; is secretary of the Galveston co. med. soc., and vice-president of the alumni asso., Texas med. coll. In 1867 and 1868 he was house surg. in the Galveston city hosp., and during the epidemic of 1867 had yellow fever there, and since 1869 has been chief surg. to St. Mary's hosp., besides holding the position of health phys. to the city of Galveston, Texas. During the civil war he was non-commissioned officer in the Jefferson (Miss.) artillery, and was severely wounded at Decatur, Ala., in 1864, by a case shot. For a brief period in 1872 he served as ass't surg. U. S. army. In Jan., 1876, he married Eliza, daughter of Samuel A. Towsey, M. D., of London, England.

WARREN, JOHN COLLINS, Boston, Mass., son of J. Mason Warren, born in Boston, May 4th, 1842, graduated from the academic dep't of Harvard univ. in 1863, and from the med. dep't in 1866, and settled in Boston in the practice of surgery. He is a member of the Boston societies for med. improvement, med. observation, and med. science. He is the author of "The Anatomy of Keloid Rodent Ulcer;" "Notes on the Anatomy and Pathology of the Skin," etc. He holds the position of surg. in the Mass. general hosp., and instructor of surgery in Harvard univ. In May, 1873, he married the daughter of G. Howland Shaw, Esq.

WHITELY, ROBERT JOHN, Paterson, N. J., was born at Paterson, Jan. 16th, 1825. His early education was obtained at Paterson, his literary education at Rutgers coll., New Brunswick, and his medical education at the coll. of phys. and surg., New York, graduating from the last M. D. in 1846. He settled first in Paterson, but removed to San Francisco in 1849. In 1850 he again removed to El Dorado co., Cal., and returned to Paterson in 1853. He spent the greater part of 1868 and 1870 travelling in Europe. He is a member of the Passaic district med. soc.; the Paterson med. asso., has been twice president of the former. He is a member of the med. staff of the Ladies' hosp. of Paterson, and a director of the 2d National Bank of that place. In April, 1870, he married Mary Caroline, daughter of the late James Jackson, Esq., of Paterson, N. J.

DE FOREST, WILLIAM BRINTNAL, New Haven, Conn., of Huguenot descent, was born in New Haven, Oct. 3d, 1811. He is the only son of Delonzun De Forest. He was prepared for college at the Hopkins grammar school, and graduated from Yale coll. in Sept., 1831, and from the med. dep't of Yale in Jan., 1840, having meanwhile studied theology at New Haven and Princeton, and served as the settled pastor of the Congregational church at Watertown, Conn., from 1835 to 1838, when he relinquished the ministry on account of his health. He settled at Colebrook, Conn., in 1840; at New York city in Dec., 1845, and at New Haven, in May, 1860. He is a member of the Conn. acad. of arts and sciences, and of the New Haven med. asso., of which he is an ex-president. His contributions to medical literature will be found in the annual reports of the State med. soc. From 1861 to 1866 he held the office of alderman in the city court of common council, and also that of assistant judge of the city court. He was married, May 3d, 1836, to Mary Abernathy, of Litchfield co., Conn.

HUSELTON, WILLIAM STERLING, Allegheny City, Pa., of Scotch and Pennsylvania-Dutch descent, was born, Aug. 20th, 1840, at Wilkesbarre, Luzerne co., Pa. He received his academic education at the Witherspoon institute, Butler, Pa., and pursued his medical studies at the Jefferson med. coll., Philadelphia, and the Georgetown med. coll., Washington, D. C., graduating from the latter in 1865. From 1865 to 1867 he practised in Butler, Pa., but in the latter year removed to Allegheny City, Pa., where he has since resided. He is a member of the Allegheny co. med. soc., of which he was elected treasurer in 1876, and re-elected in 1877, and elected in 1874 one of the board of censors, whereof he is at present chairman. He is also a member of the Am. med. asso., and of the Pa. State med. soc. He was med. director of the Iron City life insurance company of Pa.; also of the Provident life insurance company for western Pa. From Aug., 1862, to Aug., 1865, he was ass't surg. in the U. S. army, serving in the hospitals of the dep't of Washington, D. C. He was married, Oct. 24th, 1877, to E. Hays Davis, of Allegheny City.

GORRELL, JOSEPH R., Newton, Iowa, of English ancestry, was born in Trumbull co., Ohio, May 6th, 1835. He pursued a scientific course (including Latin) at Fort Wayne, and graduated in medicine at the univ. of Buffalo in the spring of 1859, having taken his first course at the univ. of Pa. Before settling in Newton, he practised in Newville, De Kalb co., Ind. He is a member of the Jasper co. med. soc., and of the Iowa

State med. soc. He has reported to the State soc. a "Case of Necrosis of the Femur," published in the Transactions of the society. In the civil war he entered the army as ass't surg., and was afterwards commissioned as surg., but, being sick at the time, was not mustered, and resigned as ass't surg. He was married, Dec. 2d, 1860, to F. E. Hendricks, daughter of J. E. Hendricks, now editor of the *Analyst* in Des Moines, Iowa.

CROSS, EDWIN C., Rochester, Minn., was born in Bradford, Vt., April 16th, 1824. Having completed his preparatory education at Dartmouth coll., he attended medical lectures at Woodstock med. coll., and at Norwich univ., and from the last-named institution was graduated M. D. in 1846. Having practised, successively, at Leyden, Mass., Guilford, Vt., and Brattleboro', Vt., he established himself, finally, in 1858 at Rochester. While engaging in a general practice, he has given especial attention to surgery, and has performed numerous capital operations. He is a member of the Minn. State med. soc., vice-president in 1876, and of the Am. med. asso. From 1847 to 1851 he was postmaster at Leyden, Mass.; in 1864–65 was surg. in prov. marshal's office for the southern district of Minn.; and has been examining surg. to the U. S. pension bureau. He married, Oct. 1st, 1849, Frances E., daughter of late Ichabod Marcy, Esq., of Coleraine, Mass., and youngest sister of Oliver Marcy, LL. D., for many years acting president of the Northwestern univ., near Chicago, Ill.

CLENDINEN, ALEXANDER, Fort Lee, N. J., son of Dr. Alexander Clendinen—who was a surgeon in the war of 1812, introduced the general quarantine system of the U. S., was one of the founders of the univ. of Maryland, and of Washington med. coll., Baltimore, and of the med. coll. of Charleston, S. C.—and of Mary Louisa (Bell) Clendinen, was born in Grover's Town, Baltimore co., now in the corporation of the city of Baltimore, Aug. 16th, 1841. He was educated by private tutors, and at Loyola coll., Baltimore, and graduated in medicine from the univ. of Md. in March, 1859. He located himself in Baltimore with his father, and studied under the guidance of Dr. William A. Hammond, then prof. of anatomy in the univ. of Md. (and subsequently surg.-general U. S. army). In 1874 he settled in Fort Lee in active practice. He is a member of the Bergen co. med. soc., N. J., and has twice been elected its treasurer, and is the author of various articles contributed to the *Maryland and Virginia Medical Journal*, and to the *Baltimore Medical Journal*. He held the position of ass't surg. in Baltimore vol. militia, April, 1861, and organized the ambulance corps, etc., in Baltimore; was made surg. in Virginia State forces, and in June, 1861, was made surg. to the Wise legion, and in July, medical director of the army of West Va., and was subsequently attached to the cavalry arm of the service, also in charge of hospitals at Winchester, and remained afterwards on post duty to the close of the war. He is president of the Excelsior wine company, New York, and superintendent of the Hudson manufacturing company (chemicals), etc. In March, 1872, he married Agnes Ann, daughter of James Treman, Esq., of Coytesville, N. J.

CAMPBELL, MATTHEW, Parkersburg, West Va., of Irish descent, was born in the neighborhood of Pittsburgh, Pa., March 18th, 1819. He received his early education at a private school in his native place, and entered the med. dep't of the univ. of Pa., Oct. 27th, 1845, subsequently attending the Winchester (Va.) med. coll., from which he graduated in 1852, having meanwhile practised his profession. He first settled at Fairmont, Va. (now West Va.), remaining there till 1853, when he moved to Wheeling in the same State, where he resided until the beginning of 1857, at which time he accepted the position of surg. to the Baltimore & Ohio railroad company, and took up his residence first in Grafton, then in Parkersburg. The Baltimore & Ohio railroad was the first to employ a surgeon, and it may be stated, as justifying the innovation, that he reported eleven hundred cases in the first three years of his service. Very many of these were caused in re-arching their tunnels, which were first arched with lumber, and the replacing these timbers with stone after several years exposure, made it exceedingly dangerous for men to work on them. He is a member of the State med. soc. of West Va., of which he was elected president in 1874; and of the Am. med. asso. He has been married twice, and has three children by each of his wives; his eldest son, John A. Campbell, being a graduate of the Jefferson med. coll., and a practitioner in Wheeling, West Va.

CROUSE, DANIEL WEBSTER, Waterloo, Iowa, was born in Chester co., Pa., Nov. 5th, 1844. Having completed his preparatory education at the univ. of Mich., he attended lectures at the New York coll. of phys. and surg., and at the

Long Island hosp. med. coll., being graduated M. D. from the last-named institution in June, 1869. In the same year he established himself as a general practitioner at Waterloo. He is a member of the Black Hawk co. med. soc.; of the Cedar Valley med. asso., vice-president in 1874, president in 1875; of the Iowa State med. soc.; and of the Am. med. asso. In 1877 he represented Black Hawk county in the Republican State convention.

WEST, GEORGE W., Richmond, Va., son of John S. West, whose ancestors settled in Virginia in 1609, was born in Buckingham co., 1845. He studied medicine at the med. coll. of Richmond, Va., and graduated in 1868. He then visited London and Paris, and the principal hospitals, studying more specially diseases of the eye while in Paris, under Profs. Galezowsky, Desmarres, and Liebreich. On his return he settled in Richmond. He is a member of the Richmond med. soc.; of the State med. soc. of Va.; and of the Am. med. asso. He is demonstrator of anatomy in the Richmond med. coll. of Va. In September, 1877, he married Blanche, daughter of the Hon. Hierome Claughton, formerly of Virginia, but now of Washington, D. C.

LUDLUM, CHARLES HENRY, Boonton, N. J., of English ancestry, was born in Jamaica, Long Island, Feb. 21st, 1843. He received his early education at Union Hall acad., Jamaica, Long Island, graduated A. B. and A. M. from the univ. of the city of New York, and M. D. from the med. dep't of the same institution in March, 1865. He resided and practised in New York city till 1874; in that year he removed to Boonton. He is a member of the Morris co. med. soc. From April, 1865, to April, 1867, he was interne of Bellevue hosp., and was visiting phys. and surg. of outdoor dep't of that institution, and visiting phys. of the northern dispensary during his residence in New York. In May, 1868, he married Mary Jane, daughter of Samuel White, Esq., of Brooklyn, N. Y.

POMEROY, OREN DAY, New York city, of ancestry who settled in this country in 1620, was born in Somers, Conn., Oct. 11th, 1834. He was educated at a boarding school in Ballston, N. Y., at the high school in Somers, Conn., and at Monson acad., Mass., and studied medicine in the Berkshire med. coll., univ. med. coll., New York, and coll. of phys. and surg., New York, graduating from the latter in 1860, and settling in New York. Among the incidents of his career are the dissection of the facial nerve on graduating, and the successful stitching up a wound of the cornea subsequently; his practice is confined to the eye and ear. His contributions to medical literature are principally on aural and ophthalmic surgery, published in the Transactions of the Am. otolog. soc. and in the New York medical journals. He is a member of the Am. med. asso.; of the acad. of med., New York; of the county med. soc.; of the Medical Journal asso.; of the medico-legal soc.; of the Physicians' Mutual Aid asso.; of the Am. ophthalmolog. soc.; of the Am. otolog. soc.; of the International ophthalmolog. soc.; of the International otolog. soc.; and of the New York ophthalmolog. soc. He was president of the latter in 1872, and has held other offices in that society. He is eye and ear surgeon to the northern dispensary, and also to the New York foundling asylum; surgeon to the Manhattan eye and ear hosp., New York; secretary to the medical board of the New York foundling asylum; was lecturer on the middle ear at the coll. of phys. and surg. in 1869 and 1870; and assistant, eye and ear clinic of the coll. of phys. and surg. In 1865 he married Hannah M. Miles, daughter of Abial Miles, Esq., of New York.

JENNINGS, NAPOLEON B., Haddonfield, N. J., of English stock, was born, April 22d, 1831, at Manahawken, Ocean co., N. J. He was educated at Woodstock (Conn.) acad., and the Suffield (Conn.) literary institution; and having read medicine with Dr. A. E. Budd, then of Medford, N. Y., now of Mt. Holly, N. J., graduated from the Jefferson med. coll. in March, 1856, settling the same year at Haddonfield, N. J., where he has remained in active practice ever since. He is a member of the Camden co. med. soc., of which he was elected president in 1861; and has been a delegate to the Am. med. asso., and also a delegate to the State med. soc. He was married, Dec. 15th, 1863, to Miss Browning, of Haddonfield, N. J.

HOLMES, GEORGE W., Cedar Rapids, Iowa, was born, Feb. 22d, 1841, at Crawfordsville, Ind. He was educated at the Wabash coll., Crawfordsville, from which he received the honorary degree of A. M. in 1874, and graduated at the Bellevue hosp. med. coll. in 1870. He first settled in Marion, Iowa, whence he removed to Cedar Rapids in 1870. In 1874 he went to Oroomiah, Persia, as medical missionary, under the appointment of the Presbyterian board of foreign missions, returning in February, 1877,

and resuming his practice at Cedar Rapids. He is a member of the Iowa State med. soc., and of the Iowa Union med. soc. In May, 1861, he enlisted in the 6th reg. of Iowa infantry; was made second lieutenant in October, 1862; captain in October, 1863; and resigned in December, 1864.

LYON, THOMAS, Williamsport, Pa., son of Edward Grundy Lyon and Sarah Lyon, of English birth, was born in Lycoming co. (near the town of Muncy), Pa., Oct. 13th, 1812. He received his education at the Milton acad., Northumberland co., Pa., and studied his profession at the Jefferson med. coll., Philadelphia, graduating in March, 1838, and settling immediately after at Williamsport. His specialty is surgery, though his practice is general. He is a member of the Williamsport med. soc., and of the county med. soc.; of the Pa. State med. soc., and of the Am. med. asso. He has been president of the city and county socs., and vice-president of the State med. soc. He was also a member of the med. board of examiners for army surgeons in 1863. His contributions to medical literature have been published in the Transactions of the State med. soc. In 1843 he married Elizabeth R., daughter of Joseph R. Priestly, Esq., of Northumberland, and great-granddaughter of Dr. Joseph Priestly, the eminent chemist, of the same place.

DANTZLER, MANLY J. D., Orangeburg, S. C., son of Isaac Dantzler and Caroline R., daughter of Daniel O'Cain, was born in Orangeburg village, S. C., May 14th, 1840. He was educated at a common school in Orangeburg, and the Holly Hill high school of Charleston district, and graduated at the Charleston med. coll. in 1861. After the civil war he settled in his native county, where he now resides. He performed the cephalic version by manipulation, Aug. 4th, 1868, in a case of arm and shoulder presentation, the woman having been in labor sixty hours previous to his visit. He is a member of the S. C. med. asso., and of the agricultural and mechanical asso. of Orangeburg. He has written a thesis on "Inflammation;" a report of the "Arm and Shoulder Presentation" mentioned above, published in the *Medical and Surgical Reporter*, vol. xxxi., p. 199; an article on "Congenital Recto-Vaginal Communication," *ibid.*, p. 120; and a paper on "Lusus Naturæ," *Medical and Surgical Reporter*, vol. xxxiv., p. 416. In the civil war he entered the Confederate army as a private, serving as such for six months, when he became hospital steward, and six months later was promoted to the office of ass't surgeon, with the rank of captain, in which capacity he served in Florida, Georgia, and Virginia until the surrender of Gen. Lee at Appomattox Court-House. He married, Feb. 9th, 1868, Emma A. McMillan, who died June 27th, 1870; and again, March 2d, 1875, Dora E., daughter of Capt. George W. Shingler, of Charleston co., S. C.

HENDERSON, DAVID WATSON, Marysville, O., of Scotch-Irish descent, was born, Oct. 4th, 1823, in Indiana co., Pa. His parents removed to Union co., O., in 1837, where he was fitted for college at the Marysville acad., and entered the Ohio Wesleyan univ. at Delaware, O., remaining until near the close of the Freshman year, when, in May, 1847, he volunteered his services in the Mexican war, from which he returned in July, 1848, and began the study of medicine with Dr. R. Hills, of Delaware, O., completing his studies at the Starling med. coll., from which he graduated in February, 1852. In the following May he settled in Marysville, and has practised there ever since. He has performed some of the major operations both in surgery and obstetrics; and is a member of the Ohio State med. soc. He was commissioned surgeon of the 96th reg. of Ohio vols. at its organization, and remained on duty with it until April, 1863, when his ill health compelled him to resign. He is one of the directors of the Marysville library and literary asso. He married, Dec. 29th, 1857, Anna Hathaway, of Union co., O., and has two sons living.

HILL, GEORGE, Hughesville, Pa., the son, grandson, and great-grandson of farmers, was born, Jan. 14th, 1816, in Lycoming co., Pa. He was educated at the Milton (Pa.) acad., under the Rev. David Kirkpatrick and Rev. David Ferguson, graduates of the Edinburgh univ., Scotland, and received his medical degree from the Jefferson med. coll. in March, 1838, settling the same year at Hughesville, Lycoming co., Pa., where he practised ten years, and then took a third course of lectures at the Jefferson med. coll., after which he settled at Bloomsburg, Pa., residing there from 1848 to 1855, when he returned to Hughesville. He is a member of the Lycoming co. med. soc., and of the Muncy Valley med. soc., of which he has been president from its organization in 1872 to the present time. He has made occasional contributions to the *Medical and Surgical Reporter*. He married Sept. 10th, 1840, and has two sons in the profession—Dr. J. Harvey Hill, of Baltimore, Md., and Dr. George Alvan Hill, of Hughesville; also two others—

J. Clinton Hill, a member of the Williamsport bar, and J. L. Hill, pursuing a pharmaceutical course in Baltimore, Md.

LOVE, WILLIAM ABRAM, Atlanta, Ga., was born in Camden, Kershaw district, S. C., May 16th, 1824. The only child of William and Sarah Childers Love, whose parents were residents of that place in colonial times and suffered much at the hands of the British and tories during the revolutionary war. By the death of his father, in his infancy, he was left an orphan. He was educated in the schools of Camden, and at Russell Place acad. At the age of twelve, with a view to the study of medicine, he entered the drug-store of Dr. George Reynolds, continuing his studies under private tutors. As a medical student he was for four years under the preceptorship of Drs. E. H. Anderson, Sr. and Jr., of the same place (the latter now of Kirkwood, Miss.) In 1844 he entered the med. dep't of the univ. of Pa.; and, as a private pupil, the office of Dr. Samuel George Morton, of Philadelphia. With a view to ultimate special work, he entered also the obstetrical institute, under Dr. Jos. Warrington, served his time under the direction of the lady managers of the lying-in charity and nurse soc., and graduated at this institute in 1845. During the summer of this year he attended a course of lectures at the Locust street schools, and the ward and clinical services of the Blockley and Pa. hosps. In order to prepare himself the more perfectly for the special work of obstetrics, and diseases of women and children, he attended regularly the lectures of Prof. H. L. Hodge, in the university, and the lectures of Prof. C. D. Meigs, in the Jefferson med. coll. On April 3d, 1846, he received his degree of doctor of medicine at the univ. of Pa. In July, 1846, he located at Locust Grove, Taliaferro co., Ga., where, Jan. 11th, 1849, he was married to Marion Louisa, daughter of Hon. Abner Darden. During the following winter, he, with quite a colony of friends, removed to Floyd co., locating at Cave Spring. Here, in 1850, he was elected superintendent and phys. of the Ga. asylum for the deaf and dumb, which position he occupied for several years. Here he aided much in building up this institution, at the same time devoting himself to the practice of his profession. The failing health of himself and his family admonished him to seek a warmer climate. In 1858 he removed to southwestern Georgia, and located at Albany. Here he soon established himself as a physician, a surgeon, and a gynæcologist, and was regarded as the leading practitioner in that section. During the late war he served on the medical staff of the Confederate States army, first in the field and later in the hospital. Doubtless many Southern soldiers remember him kindly in connection with the Ocmulgee hosp., at Macon, Ga. In 1866 he became a member of the Ga. med. asso., and labored to build up that body again after the war. He was subsequently elected vice-president. One of the results of his labors in this organization was the establishment of Congressional district sections on practice, surgery, and gynæcology. He is a permanent member of the Am. med. asso. In 1870 he removed to Atlanta, Ga., for the purpose of widening his field in the special practice of gynæcological medicine. In this he has been eminently successful, and by results of work has established a reputation which extends his labors and field of usefulness through Georgia, South Carolina, Florida, Alabama, and Tennessee. In 1871 he was elected to the chair of physiology in the Atlanta med. coll., which position he still occupies. As a practitioner, as a writer, as a speaker, and as a teacher, he has always been a strong advocate for "Principles in Medicine," and "Conservatism in Practice," and among his contributions to the medical press no production has attracted more attention than his "Plea for Principles and Conservatism in the Treatment of Diseases peculiar to Females." He has always avoided political preferment, desiring rather to bend his energies to the interest and advancement of his profession.

CISNA, WILLIAM R., Ickesburg, Pa., was born, Dec. 8th, 1837, in Chambersburg, Pa., of which State his father also was a native. His mother was born in Virginia. He is a graduate of Dickinson coll., Carlisle, Pa., and graduated from the med. dep't of the univ. of Pa., in 1865. He first settled at Landisburg, Pa., from which he removed to Ickesburg, Perry co. He has been especially engaged in obstetrics, his practice in which includes two cases of triplets. He is a member of the Perry co. med. soc., of which he has been president; and of the Pa. State med. soc., and has been censor. He was brevet-major, U. S. vols., serving in the med. dep't. He is at present a director of the Newport deposit bank.

EDES, ROBERT THAXTER, Boston, Mass., son of Richard S. Edes and Mary (Cushing) Edes, was born in Eastport, Me., Sept. 23d, 1838. He graduated A. B. from Harvard coll. in 1858, and M. D. from the med. dep't of the same institution in 1861; entered first the U. S. navy; then, after a few

months in Europe, located himself at Hingham, Mass., where he remained till 1869, and finally established himself at Roxbury (Boston). He is a member of the Am. acad. of arts and sciences; of the Mass. med. soc.; of the Am. neurolog. asso.; and of the Boston societies for med. improvement, med. observation, and med. sciences. He is the author of "Nature and Time in the Cure of Diseases," Boston, 1868; and "Physiology and Pathology of the Sympathetic Nerve," New York, 1869 (both prize essays); besides contributions to the medical reports of Boston city hosp., and various articles in medical journals. He is prof. of materia medica in Harvard univ., and one of the visiting phys. in Boston city hosp. He entered the U. S. navy in Sept., 1861, and served as ass't surg. and passed ass't surg., chiefly in the West Gulf or Mississippi squadron, and resigned in June, 1865.

BELL, SAMUEL, Beloit, Wis., of Dutch and Scotch ancestry, was born in Fultonville, Montgomery co., N. Y., May 31st, 1841. He graduated in medicine from the univ. of Mich., Ann Arbor, in March, 1864, and commenced practice at Prairie du Lac, Wis. He removed to Shopiere, Rock co., in 1867, and to Beloit in 1874. His specialty is diseases of women and children. He was elected a member of the Wis. State med. soc., in 1869, and has been on some of its principal committees. In 1864 he was commissioned surg. of the 15th Wis. vols., and was subsequently surg. in gangrene ward, hosp. No. 1, Nashville, Tenn. In Aug., 1864, he married Evalyn M., daughter of Hiram Bowen, Esq., of Janesville, Wis., editor of *Janesville Gazette* for seven years.

BOOK, JAMES BURGESS, Detroit, Mich., of Canadian ancestry, was born at Palermo, Ontario, Canada, Nov. 7th, 1843, and after receiving his early education in Halton co. grammar school, Ontario, studied medicine at, and graduated from the Jefferson med. coll., Philadelphia, in 1865. In June of the same year (1865) he passed an examination before the provincial medical board, at Toronto, Ontario, and received the governor's license to practise in Canada. He located and began practice first at Windsor, Ontario, but remained there only one year. Visiting Europe and attending hospital practice in Guy's hosp. and the Royal London ophthalmic hosp., in London, and at Hotel Dieu, Paris, and on his return settled in Detroit in 1869. He is a member, and was elected president of the Wayne co. med. soc. in 1872; is a member of the Detroit acad. of med., and of the Am. med. asso. In Oct., 1874, he married Alice R., daughter of Hon. T. F. Eckert, Esq., of Cincinnati.

GILCREST, ROBERT SCOTT, De Graff, O., was born at Mt. Vernon, Knox co., O., Aug. 5th, 1823. His father was an officer in the war of 1812. He was educated at Martinsburg acad., and Kenyon coll., and graduated from the med. dep't of the Western Reserve coll., at Cleveland, in the spring of 1853, settling in De Graff, Logan co., O., April 1st of that year. He is a member of the Logan co. med. soc.; the Ohio State med. soc.; and the Am. med. asso.; and an honorary member of the California med. soc., as also of the Rocky Mountain med. soc. During the civil war, in response to telegrams from Gov. Brough, he volunteered his services as a surgeon at Vicksburg. He married, in 1852, Philena Brooks, of Columbus, O.; and, in 1856, Anne B. Brooks, of De Graff.

HAWKES, WILSON LEVI, York, Me., was born, Feb. 25th, 1848, at Windham, Cumberland co., Me. He was educated at Bates coll., Lewiston, Me., and studied medicine at the Portland school for medical instruction, and the Bowdoin med. coll., graduating from the latter in June, 1872. He settled first in Portsmouth, N. H., from which he removed to York, Me. He is a member of the Me. med. asso.; and is chairman of the board of health of the town of York. He married, Oct. 31st, 1872, Mary W. Perkins, of Lewiston, Me.

MERRILL, SHERBURNE RANDOLPH, Paterson, N. J., of New England ancestry, was born in Deerfield, N. H., March 6th, 1822. He was educated at Gilmanton acad., N. H., and pursued the study of medicine at the Jefferson med. coll., Philadelphia, whence he graduated M. D. in 1854. He settled first in Paterson, but removed to Valley Falls, R. I., in 1856. In 1860 he returned to Paterson. He is a member of the Passaic district med. soc., and is now its president. In Dec., 1849, he married Sarah J., daughter of Daniel Fellen, Esq., of Deerfield, N. H.

WEBSTER, DAVID, New York city, son of Asahel Webster, was born, July 16th, 1842, at Cambridge, Cornwallis, Nova Scotia. He was educated at the district school of his native place; at a private school, taught by the Rev. Wm. Somerville, of the same place; and at the normal school of Truro, Nova Scotia; and, after teaching

school six years, attended the Bellevue hosp. med. coll., New York, from which he graduated in the spring of 1868. He began the practice in the place of his birth, where he practised one year and a half, and then settled in New York. He was the first house surg. of the Brooklyn eye and ear hosp., in which he served from the fall of 1869 to the spring of 1871; serving in the same capacity at the Manhattan eye and ear hosp. from the spring of 1871 to the spring of 1873. Immediately on leaving the latter institution he became associated with Dr. C. R. Agnew, with whom he has remained to the present time. In 1873 he was appointed ass't surg. to the Manhattan eye and ear hosp., and clinical assistant to the chair of ophthalmology and otology in the coll. of phys. and surg., New York. He is a member of the New York co. med. soc.; of the New York ophthalmolog. soc.; of the Am. ophthalmolog. and otolog. socs.; of the International ophthalmolog. and otolog. socs.; of the New York acad. of sciences; of the physicians' mutual aid soc.; and of the society for the relief of the widows and orphans of medical men. He married, in June, 1876, Genevieve Macfarlane, a native of Maine.

POLK, WILLIAM MECKLENBURG, New York city, son of the Right Rev. Leonidas Polk, late bishop of Louisiana, was born, Aug. 15th, 1844, in Maury co., Tenn. He was educated at the Va. military institute, and graduated from the coll. of phys. and surg., New York, in March, 1869, settling in that city. He is a member of the New York co. med. soc.; of the New York acad. of med.; of the patholog. soc.; of the therapeutical soc.; of the Medcal Journal asso.; and of the medico-legal soc. Since 1874 he has been visiting phys. to the Bellevue hosp. He is prof. of therapeutics and clinical medicine in the Bellevue hosp. med. coll., and visiting phys. to St. Luke's hosp.

RITCHEY, JOHN A., Oil City, Pa., of Scotch lineage, was born in Armstrong co., Pa., Nov. 28th, 1838. He was educated at the Glade Run academy, and graduated from the Jefferson med. coll. in March, 1871, receiving the honorary degree of A. M. from the Washington and Jefferson coll., Pa., in June, 1874. In the year of his graduation he settled at Oil City, where he now resides. He is a member of the alumni asso. of the Jefferson med. coll.; of the Venango co. med. soc., of which he has been secretary, treasurer, censor, and vice-president, and is now president; of the State med. soc. of Pa.; of the Am. med. asso. In June, 1873, he was appointed examining surg. for pensions; and has been president of the Oil City school board for two years. During the late war he served as a private in the 155th reg. of Pa. vols.; and since the 8th of Sept., 1874, has been surg. of the 17th reg. of the 7th division of the N. G. of Pa., serving with the regiment during the strikers' war.

CALHOUN, FRANKLIN RAMSEY, Euharley, Ga., of Scotch Irish descent, was born in Greenwood, S. C., April 12th, 1835. He received his education at the S. C. military academy, and graduated from the med. coll. of the State of S. C. in March, 1857, subsequently prosecuting his studies in Paris, France. He first settled in his native town, from which he removed to his present location in May, 1869. He is a member of the State med. soc. of Ga. In the civil war he served as a surg. in the Confederate army. He was married, Dec. 15th, 1859, to Annie E. Turpin, of Cokesbury, S. C.

SEISS, RAYMOND S., Littlestown, Pa., of German lineage, was born, June 7th, 1825, near Graceham, Frederick co., Md. He received a liberal education under the tutorship of a Moravian clergyman, and commenced the study of medicine in 1849 at Graceham, and graduated in medicine from the univ. of Md. in 1852. Graceham was his place of first settlement, whence, at the end of a year, he removed to Union Mills, Carroll co., Md., and thence, at the end of two years, to Littlestown, Adams co., Pa. He is a member of the Adams co. med. soc., of which he was elected president, Sept. 5th, 1876; and of the Am. med. asso. Since April 21st, 1874, he has held the office of notary public. In April, 1863, he received from President Lincoln the appointment of surg. of the enrolling board of the 16th congressional district of Pa., though, disliking the position, he resigned it, March 18th, 1864, and resumed his practice. He is married.

SCHENCK, JULIUS C., Cleveland, O., son of Dr. Conrad Schenck, was born at Nieder Auld, Hesse Cassel, Germany, Feb. 7th, 1836. He came to this country in 1849, and studying medicine at the Western Reserve med. coll., graduated in Feb., 1858, settling in Cleveland. Among the leading incidents in his professional practice is the resection of the head of the humerus and glenoid cavity of scapula after gunshot injury, resulting in union between the resected portions of humerus and scapula with motion,

etc. He is a member of the academy of medicine, is the author of various articles in the *Philadelphia Medical and Surgical Reporter;* was coroner of Cuyahoga co., O., from 1865 to 1871; police commissioner from 1872 to 1875; State senator since 1876. He entered the army in 1861 as ass't surg. of the 22d reg. Ohio vols., and was promoted to be surg. of the 37th reg. of Ohio vols. He married, in 1863, Louise, daughter of Judge Hessenmueller, of Cleveland, O.

GRIFFITH, DAVID S., Bedford, Pa., was born, March 13th, 1840, at Indiana, Indiana co., Pa. He was educated at Carlisle, and graduated from the Jefferson med. coll., March 10th, 1863. He practised four years in Smithville, Wayne co., O., and one year in Humboldt co., Cal., after which he settled in Bedford, Pa., where he has practised for the last seven years. He is a member of the Bedford co. med. soc., which he originated, and of which he was elected president in Oct., 1875, having at different times held all the other offices. He was commissioned, March 19th, 1863, ass't surg. of the 90th Pa. vols., serving till Dec., 1864, when he was mustered out, and in Jan., 1865, went as contract surg. to Savannah, Ga., where he remained until the close of the war. He has been twice married.

ARTAUD, THEODORE, Jackson, Miss., was born at Orleans, France, March 15th, 1822. He was educated at the St. Louis royal coll., and at the school of medicine of Paris, and graduated M. D. at the New York med. coll. and Charity hosp. in July, 1862. He is a member of the Miss. State med. asso. He has contributed articles on medical and surgical subjects to the *Medical and Surgical Reporter*, 1865, and to the "Medical History of the War of the Rebellion," surgeon-general's reports, etc. He was surg. of the 55th New York vols., from the commencement of the war until 1863; subsequently surg.-in-chief of the 3d division 14th army corps; at the close of the war he was appointed act. ass't. surg., with the position of post surg., which position he held till the office lapsed by reason of non-appropriation of Congress, and served as such at Tallahassee, Jacksonville, and Fort Barrancas, Fla., lastly Jackson, Miss. In 1858 he married Felicie Varloteaux, daughter of Virginie and Jean Varloteaux, Esq., of France.

MCHATTON, JOSEPH CHINN, Wheeler, Ark., son of James A. McHatton, of Scott co., Ky., and Susan H. Chinn, of Harrison co., in the same State, was born in Kentucky, Aug. 10th, 1834. He studied medicine under Drs. John M. Schofield, of Harper's Ferry, and Frank Cooley, of Lexington, Mo., at St. Louis med. coll., and at Transylvania med. coll., graduating at the former institution in 1858. He has settled successively in Fannin co., Texas; Shoalsburg, Newton co., Mo.; Ozark, Christian co., Mo., and finally in Wheeler, Washington co., in 1867. He holds membership in the State med. and district med. socs. (the latter comprising several counties), and in the Benton co., Ark., med. soc., of which he is vice-president. While at Ozark, in 1863, he was made post surg. to the Federal troops then stationed at that place. In 1860 he married Bettie C., daughter of Alexander C. Yell, Esq., of Bedford co., Tenn., now of Benton co., Ark.

IVES, CHARLES LINNÆUS, New Haven, Conn., the fourth in a direct line of descent of physicians practising in New Haven, grandson of Dr. Eli Ives, prof. of theory and practice of medicine in Yale coll., and president of the Am. med. asso. in 1860 and 1861, was born in New Haven, Conn., June 22d, 1831. He was educated in the grammar school of New Haven and at Yale, graduating from the latter institution in 1852. He studied medicine at Jefferson med. coll., Philadelphia, and at the coll. of phys. and surg., New York, and graduated at the former in 1854. After residing for a year at Bellevue hosp., New York, he returned to New Haven, and established himself in that city in 1856. In the summer of 1862 he was obliged to relinquish his profession by reason of ill health. For a time he resided in Minnesota, resuming practice in New Haven in Dec., 1863. In the winter of 1867 and 1868 he completed the course of lectures on the theory and practice of medicine at Yale, left unfinished by reason of the death of the professor, and in the following summer he was elected to fill that chair. After filling this position for five years he then, in the hope of better health elsewhere, resigned it to accept the professorship of diseases of the mind and nervous system in the univ. of New York, and went abroad to prepare for his new work. But his failing health compelled him to resign this position also, before entering on its duties, and he has since relinquished the practice of his profession. He has held membership in the New York city and Conn. State med. socs.; and of the Am. med. asso., of which he was vice-president in 1871 and 1872. He is the author of an essay on "Prophylaxis of Phthisis Pulmonalis," and also of a prize essay on the "Therapeutic Value of

Mercury and its Preparations," both published by the Conn. med. soc. In June, 1860, he married Bessie W., daughter of C. J. Salter, Esq., late of New Haven, Conn.

LOCKWOOD, STATES LEE, Charleston, S. C., of English ancestry, son of Joshua Lockwood and Caroline (D. L. Lee) Lockwood, was born in Charleston, S. C., July 10th, 1823. In 1845 he graduated from the college at Charleston, and in 1848 from the med. coll. of S. C., and has practised in Charleston since graduating. His practice is general; he has a special interest in obstetrical practice, and has attended over fifteen hundred cases of labor. He is a member of the med. soc. of S. C.; the S. C. State med. asso., and has been secretary of the latter, and secretary, treasurer, and librarian of the former. Before the war he was phys. to U. S. prisoners in Charleston jail, and was surgeon-in-charge of the Africans during their stay at Forts Pinckney and Sumter. During the war was surgeon in attendance at a local Confederate hospital, and for several years in charge of laborers in the fortifications surrounding. In 1855 he married Anna M. Lockwood, who died in 1865. In 1867 he married Sophia A. Lockwood. They were daughters of Thomas Perkins Lockwood, Esq., of Charleston, S. C.

HEARD, THOMAS JEFFERSON, Galveston, Texas, of Scotch-Irish and English extraction, was born, May 14th, 1814, in Morgan co., Ga. His grandfather, a Virginian, by whom he was reared, served in the revolutionary war from the beginning to the end at Yorktown. He attended his first course of lectures at the Transylvania univ. in 1836–37, and graduated from the med. dep't of the univ. of La. in 1845. In 1837 he settled in Washington, Texas, residing there till July 4th, 1857, when he removed to the city of Galveston. He has exerted his influence, with more or less success, to modify the practice prevailing in Texas a quarter of a century ago, especially in respect to the treatment of malarial fevers, wherein mercury, the lancet, and drastic purgatives were abused, and quinine, opiates, ammonia, and the salines hardly used, the aim being to cure peremptorily by medication, instead of aiding the system to recover its lost balance. He is a member of the Galveston co. med. soc., of which he was president when it was named after the city only; of the Texas State med. asso., in the organization of which he took an active part, and of which he was elected the first president; and of the Am. med. asso., of which he was elected vice-president in 1871; and was a member of the Washington med. soc., organized under his auspices, and of which he was the first and only president, the society failing from a lack of harmony among the members. In 1868 he contributed to the Transactions of the Am. med. asso. a paper on "The Epidemics, Topography, and Climatology of Texas," containing much matter in reference to the yellow fever in Texas; and in 1869 a paper on "Epidemics and Climatology" to the Transactions of the same body. He has, besides, contributed numerous papers to the Transactions of the State med. asso., and several to the *New Orleans Medical and Surgical Journal*, as also to the New Orleans "Hospital Report;" to Dr. E. D. Farmer's "Southern Medical Reports;" and to other repositories. From 1838 to 1843 he assisted, both as soldier and surgeon, in repelling the incursions of Mexicans and Indians into Texas. In 1866 he was elected to the chair of the theory and practice of medicine in the Galveston med. coll., resigning after delivering one course of lectures; and in 1876 to that of materia medica and therapeutics in the med. dep't of the univ. of La., resigning this chair in the spring of 1877 on account of his ill health. He was married, May, 1839, to Frances A. Rucker, and has one child, a daughter.

PRITCHETT, JOHN ALBERT, Hayneville, Ala., was born, June 19th, 1849, in Lowndes co., Ala. His parents were natives of Virginia, his father having been of Huguenot descent. He was educated, academically and professionally, at the univ. of Va., from the med. dep't of which he graduated in July, 1870, settling in the place where he now resides. He is a member of the Lowndes co. med. soc., of which he is secretary, and of the Ala. State med. asso., of which he is a counsellor.

LEWIS, JOHN B., Hartford, Conn., was born at Greenport, Suffolk co., N. Y., March 10th, 1832. After receiving his literary education at Powelton seminary, Newburg, N. Y., he studied medicine in the med. dep't of the univ. of the city of New York, graduating M. D. in 1853. He located himself first in Rockville, Tolland co., Conn., where he remained till the breaking out of the war, in which he took an active part. He again returned to Rockville, and subsequently visited Europe. After this he took up his residence in Hartford as consult. surg. to the Travellers' insurance company of that place, and since that time has given his entire time to similar

duties. He is a member of the Conn. med. soc., elected in 1854, and delivered a dissertation before that society in 1861. He held the position of surg. of the 5th Conn. reg. vol. infantry from its muster into service in June, 1861, to April, 1862; brigade surgeon U. S. vols. from April, 1862, to October, 1865. During 1861 and 1862 he was upon active service in the field as regimental and as brigade surgeon, and for a time as med. director of Shields' division. He was present in numerous battles and skirmishes during that period; his field service terminating immediately after the battle of Antietam, when he entered upon hospital duties as surgeon-in-charge of U. S. army general hosp., No. 6, Frederick, Md. He was also surgeon-in-charge of the U. S. army general hosp., Cumberland, Md., during 1863, 1864, and 1865; acting also in the capacity of med. director of the dep't of West Va. during a portion of this time. He was brevetted lieut.-colonel U. S. vols. in 1865. In June, 1855, he married Mary K., daughter of J. N. E. Mann, Esq., of Dedham, Mass.

LOCKWOOD, WILLIAM AUGUSTUS, Norwalk, Conn., son of William S. Lockwood, whose grandfather was an officer in the revolutionary army, and of Catharine (Hawley) Lockwood, was born in Norwalk, Conn., March 26th, 1841. His literary education was received at the Union high school, Norwalk, and his medical at the coll. of phys. and surg., New York, whence he graduated M. D. in 1864. He served in Bellevue hosp., and the other institutions on Blackwell's island, New York, for eighteen months. He visited the hospitals of London and Paris, continuing his studies there during parts of 1866 and 1867, and on his return settled in New York city, but soon after removed to Norwalk. He is a member of the Norwalk med. soc.; of the Fairfield co. med. soc.; and of the Conn. State med. soc. His graduating thesis on hospital gangrene was published. In November, 1868, he married Frances J., daughter of Frederick St. John, Esq., of Norwalk.

HELMICK, JOSEPH, Harrisburg, O., of German descent, was born, Feb. 28th, 1818, at Zanesville, O. He was educated at the McIntire high school in Zanesville, studied medicine with his brother, Dr. James Helmick, of that place, a graduate of the med. univ. of Louisville, Ky., and attended one course of lectures at the Jefferson med. coll. of Philadelphia in 1840. He settled in Harrisburg, Franklin co., O., May 16th, 1842, and has been in continuous practice there ever since, making his mark especially as an obstetrician, having attended over three thousand cases of labor. He is a member of the State med. soc. of Ohio, from which he received a diploma, June 6th, 1849, and by which he was elected a delegate to the Am. med. asso. for six consecutive years; and of the Central Ohio med. soc. He has been a member of the board of education of Harrisburg for a number of years, and mayor of the city for five consecutive terms. For the last ten years he has been examining phys. for several life insurance companies, among them being the Home of New York, the Metropolitan of the same State, and the New Jersey Mutual. He was married in 1845 to the daughter of the Hon. Joseph Chenoweth.

SAYLOR, WILLIAM HENRY, Portland, Oregon, son of Conrad G. Saylor and Sarah K. (Black) Saylor, was born in Van Buren co., Iowa, Aug. 17th, 1843. He was educated at Williamette univ., Salem, Oregon, and studied medicine in the med. dep't of the same institution, and the Bellevue hosp. med. coll., New York, graduating from the former in March, 1869, and from the latter in February, 1876. He settled first at Forest Grove, Washington co., Oregon. In July, 1876, he located himself in Portland in general practice, but making a specialty of surgery. He was elected prof. of anatomy and lecturer on diseases of the eye and ear in the Oregon med. coll., Sept. 15th, 1877. He is attending phys. to the home for the friendless; is a member of the Oregon State med. soc. Was married in September, 1872, to Phebia A., daughter of Bronell Wing, Esq., of Newark, Ill. .

RANDENBUSH, ABRAHAM S., Adamstown, Pa., son of Abraham and Mary Randenbush, was born, July 24th, 1841, in Salfordville, Montgomery co., Pa. He was educated at Freeland seminary, in Montgomery co., and graduated from the Jefferson med. coll., March 15th, 1864, settling in Adamstown, Lancaster co., Pa. He is a member of the med. soc. of Bucks co., of which he was elected president in January, 1877. He married twelve years ago, and has one child.

SPANGLER, JACOB R., York, Pa., was born, Nov. 22d, 1850, at Spanglerville, York co., Pa. He was educated at the public schools of York co., an academy in York, and the State normal school at Millersville, Lancaster co., and graduated from the Jefferson med. coll., March 11th, 1874, settling in

York. He is a member of the York co. med. soc., of which he has been treasurer for three years.

SMITH, JOHN LAWRENCE, Louisville, Ky., was born, Dec. 17th, 1818, near Charleston, S. C. His father was a Virginian, who had moved to the last-named State. The subject of this sketch received a classical education in the Charleston college, after which he was sent to the univ. of Va. Here he at first devoted much attention to pure mathematics; later concentrating himself upon the higher branches of physics, mixed mathematics, and chemistry. He chose civil engineering as a profession, and after two years' study was employed as one of the assistant engineers on the then projected railroad between Charleston and Cincinnati. This pursuit not proving congenial he began to study medicine, and in three years graduated at the med. coll. of S. C., March, 1840. Then he went to Europe, and pursued his medical studies for an additional three years, continuing attention to those departments which first enlisted his scientific affections. He studied physiology under Flourens and Longet; chemistry under Orfila, Dumas, and Liebig; physics under Pouillet, Desprez, and Becquerel; mineralogy and geology under Elie de Beaumont and Dufrenoy. He returned to America in 1844, having already begun to earn a reputation in original scientific researches, principally in connection with fatty bodies. His paper on "Spermaceti," in 1842, at once gave him standing as an experimental inquirer. On arrival in Charleston he began the practice of medicine, and gave a course of lectures on toxicology. The State of South Carolina appointed him assayer of the bullion that came into commerce from the gold fields of Georgia, and he also gave much time to agricultural chemistry, and researches in geology and mineralogy. His attention was early drawn to the marls on which Charleston stands, and he was one of the first to ascertain the true character of this immense agricultural wealth. He published a paper on the subject, with the correspondence of Prof. Bailey, microscopist of West Point. He also pointed out the large amount of phosphate of lime in these marls, from which there are now obtained immense quantities of phosphatic nodules. During these labors he made a thorough investigation into the meteorological conditions, character of soils, and culture, affecting the growth of cotton. In consequence of his report on this subject President Polk, in 1846, appointed him, in response to a request of the Sultan, to teach the Turkish agriculturists the proper method for successful management of cotton culture in Asia Minor. Finding on arrival in Turkey that an associate in the commission had induced the Turkish government to undertake the culture of cotton near Constantinople, Prof. Smith declined to associate his name with an enterprise he was satisfied would be a failure, and which proved so. He was about to return home when the Turkish government tendered him an independent appointment, that of mining engineer, with most liberal provisions. This position he filled during four years, and he performed his duties with such signal success that the Turkish government heaped upon him the decorations of the empire, and very costly presents. The results of Prof. Smith's labors are a permanent advantage to the empire, and it has received ever since 1846, and continues to receive, large revenues from his discoveries of emery, chrome, ores, and coals, within the domain of Turkey. His papers on these subjects, read before learned societies, and published in the principal scientific journals of Europe and America, gave him a high position among scientific men. His labors in Asia Minor on the subject of emery, which he was the first to discover there, led to its discovery in America; and in Massachusetts and North Carolina a large industrial product of emery is now carried on. In the scientific journals of this country, the papers on emery and corundum recognize the successful researches of Prof. Smith as having done almost everything for these commercial enterprises. These discoveries of emery in Asia Minor destroyed the rapacious monopoly of the article at Naxos, in the Grecian archipelago, increased the amount of emery used five or six fold, with a corresponding reduction in price. In many of the arts of life the free use of emery or corundum has become a necessity, but this free use of these articles would have been greatly retarded without a very material reduction in price. While in the employment of the Sultan of Turkey, Prof. Smith investigated a great variety of Turkish resources, besides those directly within the purview of his appointment as mining engineer. His paper on the "Thermal Waters of Asia Minor" is one of extreme interest and great scientific value. In 1851 he invented the inverted microscope, an important improvement; for, while it may do the work of any other microscope, there are very interesting fields of research which can be cultivated by no other instrument. Dr. Carpenter, in his work on "Physiology," bears strong testimony to its value. After Prof. Smith's return from Turkey, his *alma mater*, the univ. of Va., elected him prof. of

chemistry, and, while discharging the duties of that chair, he, in connection with his assistant, George J. Brush, at present one of the chief professors in the Sheffield school of science, performed a much-needed work in revising the "Chemistry of American Minerals." A full account of these labors was given in the *American Journal of Science*, and subsequently in a valuable and interesting work containing the scientific researches of Prof. Smith, recently published by J. P. Morton & Co., Louisville. After marrying, in Louisville, the youngest daughter of the Hon. James Guthrie, Prof. Smith adopted that city as his home. He was elected, soon after settling in Louisville, to the chair of chemistry in the med. dep't of the univ. of Louisville, a position which he held for a number of years. After resigning that chair he took scientific charge of the gas-works of Louisville. He has a private laboratory where he spends several hours each day, and continues his devotion to original research. He was one of the commissioners to the Paris exposition of 1867, and made an able report on "The Progress and Condition of Several Departments of Industrial Chemistry." It is very nearly exhaustive of the important subjects to which it is devoted. He was again appointed commissioner to Vienna in 1873, and discharged his duties with his usual ability. His important original researches number fifty, and his scientific reports are numerous. He was elected president of the Am. asso. for the advancement of science in 1872. He is a member of the Am. national acad. of sciences; of the chem. soc. of Berlin; of the chem. soc. of Paris; of the chem. soc. of London; of the Societé d'Encouragement pour l' Industrie Nationale; of the Imperial mineralog. soc. of St. Petersburg; corresponding member of the Boston soc. of nat. history; of the Am. acad. of arts and sciences; of the Am. philosophical soc.; Am. bureau of mines; the Societé des Sciences et des Arts de Hainaut; the Royal soc. of Götengen; a Chevalier de la Legion d'Honneur; member of the order of Nichan Iftahar of Turkey; member of the order of Medjidiah of Turkey; Chevalier of the Imperial order of St. Stanislas of Russia. He founded and edited the *Charleston Medical Journal* in 1846, under the name of the *Southern Journal of Medicine and Pharmacy*, which he turned over to Dr. Gaillard when he went to Turkey.

JACOBI, ABRAHAM, New York city, was born in Hartum, near Minden, Westphalia, North Germany, May 6th, 1830. He was educated in the gymnasium of Minden, at the universities of Greifswald, 1847, 1848, Göttingen, 1848, 1849, and Bonn, 1849, 1851, and graduated in April, 1851. He was prosecuted for high treason, etc., and confined in Prussian state prisons from 1851 to 1853. He settled first in Manchester, England, but after being there only a few months he came to this country, and located himself in New York, in 1853, in general practice. He is a member of the N. Y. co. med. soc.; of the N. Y. State med. soc.; and of the Am. med. asso.; and was president of the first named in 1870 and 1872. He is a member also of the New York acad. of med.; of the New York obstet. soc., its president in 1868; and of the New York patholog. soc., its president in 1866. Besides the above he holds membership in the obstet. soc. of Berlin; in the med. soc. of Würzburg; is hon. member of the Boston, Mass., Louisville, Ky., Philadelphia, Pa., obstetrical societies, etc., etc. His contributions to medical literature are voluminous. Among them may be mentioned the following: "Inaugural Thesis," written at Bonn in 1851, "De Vita Rerum Naturalium," "Contributions to the Pathology and Therapeutics of Croup," *American Journal of Obstetrics*, May, 1868; "Some Unknown Causes of Constipation," *ibid.*, May, 1869; "On Congenital Sarcoma," *ibid.*, August, 1869; "On the Development of the Infant Brain," *ibid.*, August, 1869; "Contributions to the Pathology and Therapeutics of Diphtheria," *ibid.*, February, 1875; "On Masturbation and Hysteria in Young Children," *ibid.*, February and June, 1876; "The Influence of Menstruation on Pregnancy and Medicines on Lactation," *ibid.*, July, 1877; "On Diphtheria," *American Medical Times*, Aug. 11th and 18th, 1860; "Dentition and its Derangements," New York, Baillier Bros., 1862; "Report (on Diphtheria) on Infantile Pathology and Therapeutics," *American Medical Monthly*, March, 1862; "Clinic on Diseases of Children in the New York Medical College," *ibid.*, 1861 and 1862; "Concerning the Neglected Causes of Infant Mortality in the City of New York," *New York Medical Record*, 1868, pp. 464 and 499; "Antiphlogistic Treatment of Diseases of Children" (three lectures), *ibid.*, 1870, Nos. 101, 107, 109, 111, and 112; "On Foundlings and Foundling Institutions," *ibid.*, Nov. 15th, 1872; "On Acute Rheumatism in Infancy and Childhood (E. C. Seguin's Series of Clinical Lectures)," vol. i., No. 2; "Biographical Sketch of Ernst Krackowizer, M. D.," delivered before the New York acad. of med., November, 1875; "The Raising and Education of Abandoned Children in Europe," New York, 1870; "Inaugural Ad-

dress before the New York co. med. soc., including a paper on "Infant Asylums," New York, 1872; "Gastrotomy in Stricture of the Œsophagus," *New York Medical Journal*, Aug. and Sept., 1874; "Invagination of the Colon Descendens in an Infant," *New York Journal of Medicine*, May, 1858; "On the Oxysulphuret of Antimony as an Expectorant," *ibid.*, Sept., 1858; "On the Etiological and Prognostic Importance of the Premature Closure of the Fontanels and Sutures of the Infantile Cranium," *ibid.*, Jan., 1858; "Reports on the Progress of Infantile Pathology and Therapeutics," *ibid*, 1858, 1860; "Infant Diet," New York, Putnam, 1874 (second edition by Mary P. Jacobi, M. D., New York, 1875); "E. Noeggerath and A. Jacobi, Contributions to Midwifery and Diseases of Women and Children, with a Report on the Progress of Obstetrics, and Uterine and Infantile Pathology in 1858," New York, Baillier Bros., 1859, pp. 466; "Die Pflege und Ernährung des Kindes, in C. Gerhardt's Handbuch der Kinder-Krankheiten," Tubingen, 1877, vol. i., pp. 303–436; "Diphtherie," *ibid.*, vol. ii., pp. 675–782; "Dysenterie," *ibid.*, vol. ii., pp. 783–812. He was prof. of diseases of children in the New York med. coll., 1861–1864; clinical prof. of diseases of children in the New York univ. med. coll., 1865–1870; since 1870 he has held the same chair in the coll. of phys. and surg., N. Y., and is phys. to Bellevue hosp., Mt. Sinai hosp., and the German hosps. In 1873 he married Mary C., daughter of Mr. G. N. Putnam, of New York.

DRAPER, JOHN WILLIAM, New York city, was born at St. Helen's, near Liverpool, May 5th, 1811, and received his education for the most part from private instructors. At eleven years of age he was sent to one of the public schools of the Wesleyan Methodists, of which denomination his father was a minister. He remained there, however, only two years, and was then returned to private instruction. When the university of London was opened, he was sent there to study chemistry under Dr. Turner, at that time the most celebrated of English chemists. At the instance of several of his American relatives, he came to America and completed his medical education at the univ. of Pa., graduating in 1836 with so much distinction that his inaugural thesis received the unusual compliment of being published by the faculty of that university. Shortly afterwards he was appointed prof. of chemistry in Hampden Sydney coll., Va., and in 1839 received an appointment to the same professorship in the univ. of New York, with which institution he has ever since been connected. His earliest scientific publications were on the chemical action of light, a subject at that time almost completely neglected. Eventually he published in American and foreign journals, or read before scientific societies, nearly forty memoirs in relation to it. Some of the more important facts stated in these papers must be mentioned: Of all the chemical actions of light, by far the most important is that of the decomposition of carbonic acid by the leaves of plants, under the influence of sunshine. On this the whole vegetable world depends for its growth, and the whole animal world directly, or indirectly, for its food. The decomposition in question is essentially a deoxidation, and up to about 1840 it was generally supposed to be due to the violet rays of the spectrum, which, in accordance with the views held at that time, were regarded as producing deoxidizing actions, and were consequently known as deoxidizing rays. But this was altogether an assumption unsupported by experimental proof. Prof. Draper saw that there was but one method for the absolute solution of the problem, and that was by causing the decomposition to take place in the spectrum itself. In this delicate and beautiful experiment he succeeded, and found that the decomposition was brought about by the yellow rays, at a maximum by those in the vicinity of the Fraunhofer fixed line D, and that the violet rays might be considered as altogether inoperative. The memoir containing this result was first read before the Am. philosoph. soc., Philadelphia, and immediately republished in London, Paris, and Berlin. It excited general interest among chemists. Even up to the present year it has furnished to the German experimenters the basis of a very interesting discussion in photo-chemistry. In 1842 Dr. Draper discovered that not only might the Fraunhofer fixed lines in the spectrum be photographed, but that there exists a vast number of others beyond the violet, which up to that time had been unknown. He also found three great lines less refrangible than the red, in a region altogether invisible to the eye. Of these new lines, which more than doubled in number those of Fraunhofer, he published engravings. He also invented an instrument for measuring the chemical force of light — the chlor-hydrogen photometer. This was subsequently extensively used by Bunsen and Roscoe in their photo-chemical researches. In their paper, read before the Royal society in 1856, they say, "With this instrument Draper succeeded in establishing experimentally some of the most important relations of the chemical action of light."

Most of the papers he had written up to 1844 were in that year collected and published together, in a book bearing the title of a treatise on "the Forces Producing the Organization of Plants." In this there are a great many experiments on capillary attraction, the flow of sap, endosmosis, the influence of yellow light on plants, etc. His memoir "On the Production of Light by Heat," published in 1847, was an important contribution to spectrum analysis; among other things it gave the means for determining the solid or gaseous condition of the sun, the stars, and the nebulæ. In this paper he established experimentally that all solid substances, and probably liquids, become incandescent at the same temperature; that the thermometric point at which such substances are red-hot is about 977° Fahr.; that the spectrum of an incandescent solid is continuous, it contains neither bright nor dark fixed lines; that from common temperatures up to 977° Fahr. the rays emitted by a solid are invisible, but at that temperature they impress the eye with the sensation of red; that the heat of the incandescing body being made continuously to rise, other rays are added, increasing in refrangibility as the temperature ascends; and that, while the addition of rays so much the more refrangible as the temperature is higher is taking place, there is an augmentation in the intensity of those already existing. This memoir was published in both American and European journals. An analysis of it was read in Italian before the Royal academy at Naples, July, 1847, by Melloni, which was also translated into French and English. But thirteen years subsequently, M. Kirchhoff published, in a very celebrated memoir, considered by many as the origin of spectrum analysis, and of which an English translation may be found in the *London and Edinburgh Philosophical Magazine*, July, 1860, the same facts under the guise of mathematical deductions, with so meagre a reference to what Draper had done that he secured the entire credit of these discoveries. In an historical sketch of spectrum analysis subsequently published, Kirchhoff avoided all mention of his American predecessor. Dr. Draper was the first person who succeeded in taking portraits of the human face by photography. This was in 1839. He published a minute account of the process at a time when in Europe it was regarded as altogether impracticable. He also was the first to take photographs of the moon, and presented specimens of them to the New York lyceum of natural history, in 1840. In 1841 the university of New York established its medical college, Dr. Draper being appointed prof. of chemistry in it. A very great change in medical studies and teaching was at that time impending. The application of chemistry to physiology was about to be made by Liebig and his school. In these new views Dr. Draper completely coincided, and therefore soon afterward physiology was added to his chair. He now resumed his early chemico-physiological researches, and eventually, in 1856, he published the result of them in "A Treatise on Human Physiology, Statical and Dynamical." This work at once became a standard text-book in American colleges. It has passed through a great many editions, and was translated into several foreign languages. The Russian edition is used in the higher schools of that country. In this work appeared an explanation of the selecting action of membranes; electrical theory of capillary attraction; cause of the coagulation of the blood; theory of the circulation of the blood; explanation of the flow of sap in plants; endosmosis of gases through thin films; measure of the force of endosmosis; respiration of fishes; action of organic muscle-fibre of the lungs; allotropism of living systems; new facts respecting the action of the skin; functions of nerve-vesicles and their electrical analogues; function of the sympathetic nerve; explanation of the action of certain parts of the auditory apparatus, particularly the cochlea and semicircular canals; new facts respecting the theory of vision and theory of muscular contraction. The special object of the book was, to apply physical theories in the explanation of physiological facts, to the exclusion of the so-called vital principle of the old physicians. His "Physiology" was soon followed by a work of which the intention was to show that societies of men advance under the government of law. This was entitled "A History of the Intellectual Development of Europe." Few philosophical works have attained so quickly to celebrity. Many editions of it have been published in this country, and it has been translated into almost every European language. Dr. Draper has published a few mathematical papers, the most important being an investigation of the electrical conducting power of wires. This was undertaken at the request of Prof. Morse, at the time he was inventing his telegraph. The use made by Morse of this investigation is related by him in *Silliman's American Journal of Science and Arts*, Dec., 1843. The paper shows that an electrical current may be transmitted through a wire, no matter what the length may be, and that, generally, the conducting effect of wires may be represented by a logarithmic curve. Among electrical memoirs there is one on the tidal mo-

tions exhibited by liquid conductors, and one on the electro-motive power of heat, explaining the construction of some new and improved forms of thermo-electric batteries. An abstract of these improvements is given in the last edition of the "Encyclopædia Britannica" (Art. Voltaic Electricity). He was the first person to obtain photographs of the diffraction spectrum given by a grating, and to show the singular advantages which that spectrum possesses over the prismatic investigations on radiations. In a memoir on the production of light by chemical action (1848), he gave the spectrum analyses of many different flames, and devised the arrangement of charts of their fixed lines in the manner now universally adopted. A memoir on phosphorescence contains the experimental determination of many important facts in relation to that property. Among purely chemical topics he has furnished a method for the qualitative determination of urea by nitrous acid. In 1864, at the request of the New York historical society, Dr. Draper gave four lectures before that body, which were subsequently published under the title of "Thoughts on the Civil Policy of America." They were respectively on the influence of climate upon man; on the effects of emigration; on the political force of ideas; and on the natural course of national development. They contain discussions of several interesting points, which since that time have largely occupied public attention, such as the internal emigration from the Atlantic States to the west, the Asiatic emigration to the Pacific States, the political effects of polygamy in Utah, the tendency of democratic institutions to centralization, a comparison of the European with the American method of government. From 1860 to 1870 Dr. Draper did but little in scientific research, devoting himself mostly to historical works. During this time he published "His History of the American Civil War," in three volumes. His opportunities for giving accuracy to this work were very great. It has been largely republished in Europe. Of some of his works translations have been made in French, Spanish, German, Russian, Italian, Polish and Servian, while portions of them have been reproduced in Arabic; of some of these translations there have been several editions. In the summer of 1870 Dr. Draper suffered a severe bereavement in the loss of his wife. Of Brazilian birth, she was connected with an ancient and noble Portuguese family. Of their six children, the survivors are three sons and two daughters. Of the former, the eldest is prof. of natural history in the college of the city of New York; the second, prof. of physiology in the university of New York; the third, director of the meteorological observatory in the New York Central park. After the death of his wife, Dr. Draper spent the following winter in Europe, chiefly in Rome. Since his return he has published two short memoirs: one on the "Distribution of Heat in the Spectrum," showing that the predominance of heat in the less refrangible regions is due to the action of the prism, and would not be observed in a normal spectrum, such as is formed by a grating; and that all the rays of light have intrinsically equal heating power. The second is an investigation of the distribution of chemical force in the spectrum. Also, a book entitled "History of the Conflict of Religion and Science," which is now circulating all over Europe; it has been placed in the *Index Expurgatorius* by the Papal government.

PERDUE, WILLIAM R., Unionville, Pa., son of Caleb H. Perdue, whose great-grandfather, Dr. Wm. Perdue, came from France, was born in West Caln township, Chester co., Pa., Sept. 9th, 1849. After graduating at a commercial college he served as clerk in a country store for three years, when he entered, in the fall of 1872, the univ. of Pa., from which he graduated in medicine in the spring of 1874. During the winter of 1874–75 he was resident surg. at St. Mary's hosp., Philadelphia, locating in the spring of 1875 at Pottstown, Montgomery co., Pa., from which, in October of the same year, he removed to Unionville, Chester co., Pa. He is a member of the Chester co. med. soc., of which he was elected corresponding secretary in the spring of 1877. He was married, May 16th, 1877 to Nellie V. Stevens, of Philadelphia.

CARR, ALBERT GALLATIN, Durham, N. C., son of John W. Carr and Eliza Carr, was born at Chapel Hill, N. C., April 21st, 1847. His literary education was obtained at Chapel Hill univ., and his classical and mathematical education at the univ. of N. C., graduating from the latter in 1867. He studied medicine at the univ. of Va. in 1868 and 1869, and also at Bellevue hosp. med. coll., New York. From the last-named institution he received his degree of M. D. in 1870. After graduating he was appointed ass't phys. of Infants' hosp., Randall's island; after being here ten months he was appointed to the same post to the Charity hosp., Blackwell's island. In March, 1871, he settled in Cary, N. C.; in 1873 in Durham. His practice is general. He was a member of the med. soc. of Raleigh, N. C., and is a member

of the N. C. med. soc., and is now its treasurer. He has reported various cases in his practice, which have been published in the proceedings of the society, among them a case of tracheotomy, in which he successfully removed a grain of corn from the trachea of a colored child, fourteen months old. He is med. examiner for several insurance companies. In Dec., 1875, he married Mrs. Annie E. Moore.

LILLY, SAMUEL, Lambertville, N. J., of English descent on his father's side, was born, Oct. 28th, 1815, at Geneva, Ontario co., N. Y. He was educated at the Rev. P. O. Studdiferd's classical school, at Lambertville, N. J., and graduated from the med. dep't of the univ. of Pa., March 31st, 1837. He settled at first in Lambertville, where he now resides. He is a member of the N. J. med. soc., of which he has been vice-president through all the appointed ordinals, and finally president; and of the district med. soc. of Hunterdon co., in which he has at one time and another held all the offices. He has contributed to medical journals numerous reports of interesting cases. He was a member of the thirty-third congress; has been judge of the Hunterdon co. court, as also consul-general to British India; and is at present judge of the court of errors and appeals of New Jersey. He has held many offices in the State militia, the last of which was that of brigadier-general. He married in Oct., 1839, and again, Feb. 12th, 1860; both of his wives being now dead.

HALL, JOEL CULLEN, McKinneyville, Miss., of American parentage and English ancestry, was born in Limestone co., Ala., April 8th, 1838. Having graduated from the Miss. coll. in 1857 he entered Long Island coll. hosp. and took his degree of M. D. in 1861. He commenced practice in Vicksburg, but removed to a point fifty miles north of that city on Deer creek among the large plantations in the Yazoo delta. Though in general practice, he prefers surgery. After the close of the civil war, in which he took active part, he again settled in Issaquena co., Miss., where he opened a large plantation of five hundred acres, which he has transformed from wild, uncultivated canebrake and stocked with every appliance for the successful cultivation of a farm of that size. He is a member of the Miss. State med. asso.; of the Sharkey co. med. asso. (formerly the Issaquena co. med. asso., of which he was the organizer and first president, a position he has held twice since); honorary member of the Vicksburg med. asso.; and permanent member of the Am. med. asso. Among his contributions to medical journals are "Ipecacuanha in Dysentery," 1868; "Infantile Malarial Toxæmia," *Medical and Surgical Reporter*, 1874; "An Improved Method of Treating Dysentery with Iodine," Transactions Miss. State med. asso., 1877; "Malarial Hematuria," and others before the county med. soc. During his first residence in Vicksburg he was elected ass't phys. to the city hosp. He entered the Confederate army as volunteer surgeon, and was assigned to the 37th Tenn. vols., participating in every engagement from Shiloh to the surrender of the army of the Tennessee in April, 1865, serving in hospital and in the field, and acting as med. director, med. inspector, brigade surg., etc., and performing every important operation incident to the battle-field. During his service he organized a brigade infirmary corps, who were instructed in the performance of duties necessary to the immediate relief of the wounded, by lectures, dissections, plates, and careful training; adopted means for rendering the department under his command less cumbersome, and successfully devised plans for the increased efficiency of his branch of the service, and the utilization of all the elements under his charge, by an appropriate division of labor, thus enabling every wounded man to receive attention at the earliest possible moment. Removing to Vicksburg during a temporary overflow of his section of the country, he was elected, in 1867, by the city council of Vicksburg, health officer of the port, and quarantined the city against the introduction of yellow fever, then prevailing in New Orleans and along the lower coast. He is now a member of the State legislature, to which he has been twice elected; and is one of the board of examiners for the office of superintendent of public education. On March 17th, 1868, he married Louisa S., daughter of Hon. Wm. T. Barnard, of Issaquena co., Miss.

MANN, CHARLES, Nicholasville, Ky., of Scotch and Welsh ancestry, was born in Kenton co., Ky., Feb. 9th, 1837. He was educated at Union coll., Crittenden, Grant co., Ky., and studied medicine in the Ohio med. coll., Cincinnati, graduating in March, 1861. He settled in Nicholasville, Jessamine co., then entered the army of the Confederacy, and at the close of the war returned and established himself in Nicholasville, in general practice. He is a member of the Ky. State med. soc., and of the Am. med. asso. During the whole of the civil war he served in the Confederate States army as regimental and brigade surg. of volunteers,

and ass't med. director of Gen. Buckner's corps. He is now medical examiner of several life insurance companies. Within the last two years he has devoted considerable time and attention to the treatment of curvature of the spine by the use of the plaster of Paris jacket and "jury mast," with perfect relief from pain at once, and anchylosis of bones from nine to sixteen months. On Dec. 10th, 1868, he married Bettie T., daughter of Robert Young, Esq., of Jessamine co., Ky.

ROUSE, SAMUEL JOHN, York, Pa., of German extraction, was born in that place, June 6th, 1829. He was educated at the Pa. coll., Gettysburg, and graduated from the med. dep't of that institution at Philadelphia in 1851, settling in York. He is a member of the York co. med. soc., of which he is secretary. He has held the office of coroner of the county for two terms of three years each, and was phys. to the county hosp. for three years, as also to the York co. prison for twenty years, and was health officer for one year. During the civil war he served for eighteen months as ass't surg. in the U. S. army. He has been twice married: in 1856, to Rebecca Rupp; and in March, 1876, to Mary E. Stuck.

KING, JOHN WARREN, Vicksburg, Miss., son of Dr. John W. King, of Rankin co., Miss., and of S. Eugenia (Lane) King, daughter of Judge Lane, of Vicksburg; born near Vicksburg, Miss.; was educated at the Southern univ. in Greensboro', Ala., and at the univ. of Ala., from which institution he graduated with the degree of A. B. in 1872; also attended lectures at the univ. of Va., and graduated in medicine from the Jefferson med. coll. in March, 1875. He settled first in Vicksburg in the same year, but shortly afterward removed to Tallulah, Madison parish, La. His practice is general. He is a member of the Miss. State med. asso., was corresponding secretary of the same in 1875.

SATTERTHWAITE, THOMAS EDWARD, New York city, born at Spuyten-Duyvel, N. Y., March 26th, 1843; graduated at Yale coll. in 1864; and at the coll. of phys. and surg., New York, in 1867. After graduating he entered the New York hosp. as junior assistant, and was successively senior assistant and house surg. He is a member of the New York co. med. soc.; of the New York patholog. soc.; and of the physicians' medical aid asso. The following are among the principal of his contributions to medical literature: "Bacteria: their Nature and Relations to Disease," *Medical Record*, Dec., 1875; "On the Structure and Development of Connective Substances," prize essay, alumni asso., coll. of phys. and surg., 1876, *New York Medical Journal*, July, 1876, etc.; "The Present Condition of the Evidence Concerning Disease-Germs," Transactions of the International medical congress, Sept., 1876; "Selected Cases (surgical)," etc., *New York Medical Journal*, July, 1877. He is surg. to Demilt dispensary; clinical assistant to the chair of surgery, coll. of phys. and surg.; microscopist to St. Luke's hosp.; pathologist to the Presbyterian hosp., etc. He is also editor of the *Demilt Dispensary Reports*. During the Franco-Prussian war he held the positions of ass't surg. and surg.

MILLER, ABNER MYERS, Bird-in-Hand, Lancaster co., Pa., of German ancestry, was born in Honeybrook township, Chester co., Pa., Nov. 8th, 1833. He was educated at the Waynesburg acad., Chester co., and Mt. Joy acad., Lancaster co., Pa., and graduated in medicine from the Pa. med. coll. in March, 1858. He established himself as a general practitioner at Bird-in-Hand. He is a member of the Pa. State and the Lancaster city and county med. socs., and is now vice-president of the latter, being elected to that office in Jan., 1877. He has at various times contributed reports of a number of cases to different medical journals. From 1865 to 1867 he was one of the physicians and surgeons of the Lancaster co. hosp. In Nov., 1859, he married Mary Gyger, of Bird-in-Hand. She died in June, 1867. In Aug., 1869, he married Sallie J., daughter of M. P. Cooper, Esq., of Bird-in-Hand.

BRAMBLE, DAVID D., Cincinnati, O., was born at Montgomery, Hamilton co., O., Dec. 11th, 1839; his parents—English in origin—being among the early settlers of the county. In his fourteenth year, having by his own labors gathered a little money, he entered the Farmers' coll., College Hill, O. After completing his college career he engaged in teaching in the intermediate school at Montgomery, to the principalship of which he was appointed eighteen months later. This position he held for two years and a half, devoting his leisure to the study of medicine, under the direction of Dr. William Jones, of Montgomery. He attended lectures at the Ohio med. coll., Cincinnati, whence he received his degree in the spring of 1862. Thereupon he was appointed house phys. in the Commercial hosp., Cincinnati, and served for one year. Then he entered

upon general practice in the city, receiving about this time the appointment of district phys. in the thirteenth ward. That fall, 1863, he became phys. of the pest house, and served for three years and a half, when he resigned. In 1866 he accepted the chair of anat. in the Cincinnati coll. of med. and surg., and also undertook the duties of treasurer. This professorship was exchanged for that of surgery in 1872, when he was chosen dean of the college. The duties of these two positions are still discharged by him. He is a member of the Am. med. asso.; the Ohio State med. soc.; the Cincinnati med. soc.; and the Cincinnati acad. of med. He is one of the editors and proprietors of the *Cincinnati Medical News*. He was married, May 15th, 1864, to the eldest daughter of John Rieck.

CROOK, JOHN TAYLOR, San Francisco, Cal., of English parentage, was born in New York city, July 14th, 1834. He was educated in private schools in New York, and studied medicine at the coll. of phys. and surg. of that city, graduating in March, 1857. He was three and a half years, after graduating, on Randall's island; then surg. of the Panama railroad and Pacific mail company; in 1867 he settled in San Francisco. He is a member and censor of the Cal. State med. soc.; member of the San Francisco med. beneficial soc.; and of the San Francisco co. med. soc. During 1875, 1876, and 1877 he was coroner's phys. of San Francisco; and is also med. referee of the Mutual life insurance company of New York; the New York life insurance company, etc. In 1867 he married.

HERSHEY, DAVID W., Nebraska City, Neb., of German ancestry, was born at Amherst, N. Y., Nov. 8th, 1830, educated at the Genesee Wesleyan seminary, graduated from the med. dep't of the univ. of Buffalo, N. Y., in Feb., 1854. His first location was Williamsville, Erie co., N. Y., whence he removed, in 1867, to his present location. He is a member of the Otoe co. med. soc., and of the Neb. State med. soc., and has been vice-president and treasurer of the former, and has been for several years, and is now, secretary of the latter. His contributions to medical literature consist of reports of cases which have been published in the Boston medical and surgical journals, and the Transactions of the Neb. State med. soc. During the war he was ass't surg. of the 98th reg. N. Y. S. N. G. He has held the position of school commissioner of the 3d district, Erie co., N. Y. Is now, and has been for several years, coroner of Otoe co., Neb. In July, 1862, he married Josephine, daughter of Dr. Carlos Emmons, of Erie co., N. Y.

COWAN, FRANK, Greensburg, Pa., was born at Greensburg, Westmoreland co., Pa., Dec. 11th, 1844. He was admitted to the bar of Westmoreland co. in Aug., 1865, and while holding the position of secretary of the president to sign land-warrants he attended a full course of medical instruction at the Georgetown med. coll., receiving his diploma in the spring of 1868. From 1869 to 1872 he practised medicine at Greensburg. In 1872 he established a newspaper called *Frank Cowan's Paper;* a department was devoted to medicine. It was published at Greensburg until 1874, and afterwards in Pittsburgh till its discontinuance in Aug., 1875. He is a member of the Westmoreland co., Pa. State, and Am. med. assos.; corresponding member of the Philadelphia acad. of nat. sciences; member of the Am. institute of mining engineers. In 1865 he published a work entitled "Curious Facts in the History of Insects," in which the use of insects as medicines is given in detail (Lippincott & Co., Philadelphia). From 1862 to 1866 he was secretary of the U. S. senate committee on patents and patent office; from 1866 to 1869 secretary of the president to sign land patents. In 1875 he was appointed district attorney for Westmoreland co., Pa.

KLINE, JOHN D., Meridian, Miss., son of Rev. A. L. Kline, D. D., of Yazoo City, Miss., and Cornelia A. (Antonio) Kline, of Columbia, S. C., was born in Columbia, S. C., Aug. 21st, 1843. He received his literary education in colleges in South Carolina and Tennessee, graduating as M. A. at Jackson coll. in Columbia, Tenn. Dr. Paul F. Eve, of Nashville, Tenn., was his first medical preceptor, and his medical instructions were continued in Nashville, Tenn., Baltimore, Md., New Orleans, La., and in New York city. He graduated from the coll. of phys. and surg., in New York city, in the class of 1870. First practised in Quitman, Miss. Removed to Meridian, Miss., in 1868. His specialty is surgery, in which he has performed some of the most important operations. He is a member and fellow of the Miss. med. asso.; and fellow of the alumni asso. of the coll. of phys. and surg. of New York city. He has written on the subject of "Obstructed and Tedious Labor: its Treatment, Diagnosis, and Prognosis." He is med. director of the Grangers' life and health insurance company of U. S. A. for Miss.; Globe, Mutual, American, National life, Continental, Mobile

life, New York life, Phœnix, Liverpool, London, and Globe life, Carolina life, and Commercial life insurance company, of New Orleans. On March 2d, 1868, he married Patti, daughter of Benjamin Joy, late of Mobile, Ala.

BURBANK, AUGUSTUS HANNIBAL, Yarmouth, Me., son of Dr. Eleazer Burbank, was born at Poland, Me., Jan. 24th, 1823. He was educated at Yarmouth, Me., acad., and at Bowdoin coll., graduating from the latter in 1843. He studied medicine at Harvard univ., and received the degree of M. D. from that institution in 1847, and locating himself in Yarmouth, entered into general practice. He is a member of the Me. med. asso., and of the Boston gynæcolog. soc. In November, 1851, he married Elizabeth R. Banks, who died in 1869. In December, 1871, he married Alice N., daughter of Greenfield P. Thompson, Esq., of New Haven, Conn.

HUGHES, EDWARD W., Grenada, Miss., of Irish ancestry, was born at Charlestown, Jefferson co., Va., March 15th, 1819. He received his education at the Charlestown acad., at the classical and mathematical high school, Washington city, and at the univ. of Louisville, graduating from the latter in March, 1847, and settling in Grenada. He is a member and was elected president of the Grenada co. med. asso. in 1872; was second vice-president in 1875; and is now first vice-president of the Miss. State med. asso.; is a member of the Am. med. asso.; and was a member of the International med. congress, held in Philadelphia in 1876. He is the author of "Reports on Scarlatina," "Topography," and "Diseases of North Mississippi," "Cerebro-Spinal Meningitis," and "Vaccination and Compulsory Vaccination." In 1842 he married Mary H. Gibbs, daughter of John Gibbs, Esq., of Grenada, Miss.

PHILLIPS, WILLIAM W. L., Trenton, N. J., of English ancestry, born in Lawrence township, Mercer co., N. J., Feb. 19th, 1829, was educated at a classical school in Princeton, N. J., also at Princeton coll., from which he graduated in June, 1848. He pursued his medical studies at the Jefferson med. coll., and received his diploma from that institution in April, 1851. He settled in Trenton. He is a member of the N. J. acad. of med.; of the Mercer co., N. J., med. soc.; of the N. J. historical soc.; of the N. J. sanitary asso.; and of the N. J. State med. soc., and has been treasurer of the latter since 1874. He has been physician to the N. J. State prison for twelve years. He served during the war of the rebellion as surgeon of the 1st N. J. cavalry, and afterwards, for two years, was surgeon-in-chief of a division of cavalry in the army of the Potomac. In 1877 he was appointed one of the commissioners for the alteration and enlargement of the N. J. State prison. In December, 1851, he married Margaret S., daughter of Dr. John McKelway, of Trenton; she died in 1857. In June, 1865, he married Kate R. McAlpine, of Philadelphia.

MOORE, K. P., Knoxville, Crawford co., Ga., born in Monroe co., Ga., May 6th, 1844, graduated from the Atlanta med. coll. in 1868, and settled in Knoxville. He is a member of the med. asso. of Ga., and of the Middle Ga. med. soc., was orator of the former in 1875, and its first vice-president in 1877, and also president of the Middle Ga. soc. in the last-named year. He has contributed various papers on medical subjects to the Transactions of the med. asso. of Ga., and to medical journals. In 1867 he married Sallie McMilner, of Barnesville, Pike co., Ga.

POLLOCK, SAMUEL, Williamsport, Pa., son of William Pollock and Mary Pollock, of Scotch-Irish ancestry, born at Milton, Northumberland co., Pa., Oct. 23d, 1808, received his literary education at Milton acad., at Dickinson coll., Pennsylvania, and at the univ. of Pa. He graduated from Dickinson coll. in 1828, and from the univ. of Pa. in 1832. He located himself in Milton in 1832 to 1838, and then removed to Williamsport, where he has devoted much attention to microscopy and medical jurisprudence. He is a member of the Lycoming co. med. soc., of the Pa. State med. soc., and Am. med. asso. In October, 1832, he married Elizabeth S. Sterling, of Trenton, N. J.

BIRD, JOHN QUIMBY, Jersey City, N. J., of ancestry who have resided in New Jersey over one hundred years, was born in Barnardsville, Somerset co., N. J., April 20th, 1845. He graduated in March, 1868, from the med. dep't of the univ. of the city of New York, commenced practice at Everittstown, Hunterdon co., N. J., but removing soon after to Jersey City, where he has since pursued a general practice. He is a member of the Hudson co. district med. soc., and of the Hudson co. patholog. soc., New York, and has been president of the latter. He is also a member of the medico-legal soc. He was for four years deputy coroner's phys., and

jail phys., in Hudson co.; six years police surg. of Jersey City; and two years house surg. to Hudson co. hosp. He is police commissioner of Jersey City. He married twice.

PALMER, WILLIAM GRAY, Washington, D. C., son of Dr. W. P. Palmer, of Montgomery co., Md., was born in Montgomery co., Feb. 22d, 1824. He graduated from the univ. of Pa. in 1844, and settled in Prince George co., Md., but removed to Washington in 1852. He is a member of the med. soc., and also of the med. asso. of the District of Columbia, elected to the latter in 1852. In 1863 he was made secretary, and in 1872 president of the first named. He is a member of the city council, and a judge of Washington. In 1847 he married Miss Jackson, of Washington, a descendant of the Lowndes family of Maryland.

NARDIN, WALTER HUNN, Anderson, S. C., born in Charleston, S. C., Oct. 24th, 1837, graduated from the med. dep't of the univ. of the city of New York in March, 1860, and settled at Anderson. He has performed various important surgical operations, among them being the successful removal of a stone weighing 7½ ounces in a case of lateral lithotomy. He is president of the Anderson co. med. soc., and has been since 1873, and was first vice-president of the S. C. State med. soc. for the year 1874. He was ass't surg. in the provisional army of the Confederate States for two and a half years. He married in October, 1860.

RANDOLPH, WILSON C. N., Charlottesville, Va., great-grandson of Thomas Jefferson, and son of Thomas Jefferson Randolph, member of the legislature of Virginia, member of the seceding convention in 1860, and editor of "Jefferson's Correspondence," was born at Edgehill, Albemarle co., Va., Oct. 25th, 1834. His literary education was received at academies, and at the univ. of Va., during the years 1850–54. He graduated M. D. in 1855. He was also an interne in the Baltimore almshouse for three years, after which he located himself in Charleston, where he has pursued a general practice, but made a specialty of surgery. He is a member of the med. asso. of Va., and has contributed articles on professional subjects to the *American Journal of Medical Science*, etc., etc., etc., and is a member of the board of visitors of the univ. of Va. He was commissioned surgeon in the Confederate States service during the war of the rebellion from the State of Virginia, and afterwards had charge of a hospital in Lynchburg. He married Nannie, daughter of Hon. John L. Holladay, member of Congress from Virginia.

PAYTON, DANIEL, Salem, Oregon, was born in Alabama, July 9th, 1827, was educated at Keokuk, Iowa, and graduated in 1860. He commenced practice in Wayne co., Iowa, but emigrated to Oregon in 1862. He is a member of the Am. med. asso., and of the Oregon State med. soc.; is president of the med. soc. of the third judicial district of Oregon, and dean of the med. dep't of the Willamette univ. In 1847 he married.

REED, R. C. STOCKTON, Cincinnati, O., son of Gilbert Reed, of Burlington, N. J., and of Catharine C. (Stockton) Reed, born in Franklin, Warren co., O., Feb. 1st, 1825, was educated by private tutors, studied medicine at the Starling med. coll., Columbus, 1851–52, and at the Cincinnati coll. of med. and surg., 1859–60, and graduated from the latter in 1860. He had settled in Noble co., Ind., in 1852, but removed to his present location after graduating. He is a member of the Ohio State med. soc.; hon. member of the Northeastern Ind. med. soc.; and president of the alumni asso. of the Cincinnati coll. of med. and surg. He has contributed much to the periodical literature of the profession. He has been prof. of materia medica and therapeutics in the Cincinnati coll. of med. and surg. since 1862, and was one of the founders of the *Cincinnati Medical Repertory* in 1868 (now called the *Cincinnati Medical News*), and has been associate editor of both; also president of the Medical News Publishing company. In October, 1852, he married Nancy Clark, of Summerville, Butler co., O.; she died in July, 1856, leaving two sons, both of whom are now physicians. In November, 1858, he married Susan W. McClelland, of Butler co., O.

PARKE, CLIFFORD DANIEL, Selma, Ala., son of Dr. Thomas D. Parke, was born in Wadesboro', N. C., Sept. 27th, 1826. His literary education was received in North Carolina and Alabama, and his medical education at the univ. of Louisville, and Jefferson med. coll., Philadelphia. He graduated in the spring of 1850, and settled in Montgomery co., and then in Lowndes and Pike counties, Ala. He removed to Selma in 1852. His practice is general. He has been a member of the Selma med. soc. since 1853, and was its president in 1874 and 1875; also a member of the med. asso. of Ala., elected in 1851. He was a private in the Confed-

erate States army during the rebellion, and was captured by Wilson's cavalry while working in the trenches near Selma. In 1855 he married Louisa Swift, of Selma.

BLACKSHEAR, JAMES EMMET, Macon, Ga., of German and Irish descent, born in Twiggs co., Ga., Oct. 25th, 1827, graduated from the Ga. med. coll., at Atlanta, in 1859. He established himself first at Monita, Ga., but subsequently removed to Macon in 1861. He has been treasurer of the Ga. med. asso., and president and secretary of the med. soc. of Macon. He has been for four years surgeon of Bibb co. hosp. In December, 1852, he married Fanny M., daughter of Major James Blackshear, of Louis co., Ala.

PAINE, STERLING L., Corinth, Miss., of English ancestry, born in Giles co., Tenn., Dec. 14th, 1824, was educated in letters at La Grange, Ala. His medical studies were pursued in Philadelphia, under Profs. W. E. Horner and Henry H. Smith, in 1846; under Dr. W. W. Gerhard, for diseases of the chest, during the winter of 1854–55, and also at the univ. of Pa., from which he graduated M. D. in April, 1847, and located first at Aberdeen, Miss., where he remained till 1873, when he removed to Corinth. His practice is general. Among the leading and trying incidents of his professional career was the removal of a dead fœtus, at full term, with only a pocket knife. (The patient is still living.) He is a member of the Miss. State, the Tishomingo district, and the Monroe co. med. socs. He married in 1847.

GRIFFITH, JEFFERSON D., Kansas City, Mo., was born, Feb. 12th, 1849, at Jackson, Miss. He was educated in Mississippi, and graduated in medicine from the univ. of New York in March, 1871, settling at Kansas City. In 1873 he was house surgeon in the Bellevue hosp., New York city. He is a member of the Kansas City med. soc.; of the Jackson co. med. soc.; and of the Mo. State med. soc. He fills at present the chair of physiology in the coll. of phys. and surg. of Kansas City. He is unmarried.

ALCORN, ALEXANDER A., Ravenna, O., of Scotch-Irish descent, brother of Dr. J. P. Alcorn, of Allegheny City, was born at Gatensville, Armstrong co., Pa., May 23d, 1835. He was educated at Eldersridge acad., and studied medicine at the Mich. univ., and Jefferson med. coll., Philadelphia. In 1862 he settled in Ravenna, Portage co. He is a member of the Ohio State med. soc.; Northeast med. soc.; and Portage co. med. soc., and has been president, vice-president, and secretary of the latter. He has been for six years health officer of Ravenna, and also is a member and clerk of its board of education. He served in the 171st reg. Ohio vol. infantry during a part of 1864. In February, 1864, he married Lina Fletcher, of Ravenna.

BOGLE, JOSEPH MAYS, Raymond, Miss., of Irish and Scotch ancestry, born at Fairmount, N. C., April 1st, 1822, educated at Davidson coll., N. C., studied medicine at the med. school, Nashville, Tenn., graduated in March, 1856, and settled first in Cass co., Ga., but removing to Hinds co. in 1860. He is a member of the State med. asso. of Miss. Since 1870 he has not actively practised his profession, but has been engaged in the planting and selling of drugs. Among his contributions to medical literature is a treatise on "Cold Water as an Auxiliary in the Treatment of Disease," etc., etc., published in *Nashville Medical Journal*. He entered the Confederate service in 1861 as a private soldier, appointed regimental surgeon, 3d Miss. infantry, in 1862, and did field duty in that capacity till the close of the war. In 1846 he married a lady, who died in 1853.

ALLEN, JOHN L., Saco, Me., son of John Allen, of Maine, of English ancestry, was born in Cornish, Me., April 26th, 1814. He was educated at Alfred and Limerick academies, and at Bowdoin coll., graduating from the latter in 1836, and settling in Springfield, Me., where he remained fifteen years. He established himself in Saco in 1852. He is a member of the Me. med. asso.; of the Saco and Biddeford asso.; and of the Am. med. asso. He is now, and has been for fourteen years, U. S. examining surgeon, and is president of the examining board.

BURR, JONATHAN N., Mt. Vernon, O., son of Ozias Burr and Elizabeth N. (Couch) Burr, born in Bridgeport, Conn., Nov. 15th, 1800, was educated at that place, studied medicine at the med. institution, Lexington, Ky., and graduated in 1823. He commenced to practise in Delaware, O., but removed to Mt. Vernon, Knox co., in 1825. He is a member of Knox co. and the Ohio State med. socs., and has been president of the first named, and vice-president of the last named. He is trustee of Kenyon coll., and vice-president of the Knox co. North bank. In May, 1830, he married Eliza Ann Thomas.

BOWEN, WILLIAM SHAW, Hartford, Conn., was educated at Harvard coll., and studied medicine at the univ. coll. hosp., London, and in the med. dep't of Harvard univ., graduating from the latter in 1867. He established himself in Harvard in an ophthalmic and aural surgical practice. He is a member of the Hartford city medical, the Conn. medical, and the R. I. med. socs. He served in the Union army. He is now ophthalmic and aural surgeon to the Hartford hosp., and to the Hartford dispensary. He is married.

POTTER, MILTON GROSVENOR, Buffalo, N. Y., was born at Bennington, N. Y., Aug. 29th, 1843. He received his literary education at the Kimball Union acad., Meriden, N. H., and at the Rochester univ., Rochester, N. Y.; and his medical education in the univ. of Buffalo, whence he graduated M. D. in 1867. He settled in Buffalo. He is a member of the Erie co. med. soc., and of the Buffalo med. and Am. med. assos. He is prof. of anatomy and dean of the faculty of the med. dep't of the univ. of Buffalo.

BRAUN, LOUIS, Elizabeth, N. J., born in Baden, Germany, July 21st, 1825, was educated at the univ. of Freiburg, in Baden, and graduated in 1850. On arriving in this country, in 1850, he settled in New York, but removed soon after to Newark, and finally to Elizabeth. He is a member of the Union co. med. district soc. In 1861 he entered the 9th N. J. reg. in the position of surgeon, but after three months—after the battle of Newberne—he was affected with swamp fever, and was compelled to resign. He was elected in 1856 coroner of Essex co., and held the office one year; and has been for nine years coroner of Union co. In 1856 he married.

ABBOTT, LUTHER JEWETT, Fremont, Neb., grandson of Dr. Luther Jewett, of St. Johnsbury, Vt., and son of Dr. Nicholas Abbott, of Troy, Miami co., O., was born at Blue Hill, Hancock co., Me., Sept. 15th, 1831. His literary education was received at the St. Johnsbury, Vt., acad., and his medical education, under Prof. R. D. Mussey, of Cincinnati, at the Ohio med. coll. (1849), and at the Jefferson med. coll., Philadelphia, graduating from the latter in March, 1854. He commenced practice with his father in Troy in 1852, removed to Nebraska in 1861, located near Omaha in 1865, in Fontenelle, Washington co., in 1867, and then in Fremont, Dodge co. He has performed all ordinary surgical operations, and all the difficult obstetrical operations, besides many others of an important character. His practice is so extensive that he has frequently ridden one hundred miles in a day to attend his patients. He is one of the organizers and a member of the Dodge co. med. soc.; an early member of the Neb. State med. soc.; and (in 1859) a member of the Ohio State med. soc. He was elected president of the Neb. State soc. in 1877, to which society he has made frequent contributions. He has been U. S. examining surg. for pensions since 1871, and three times a member of the Neb. State legislature. He is president, director, or secretary of all organizations in Fremont. In September, 1854, he married Clara Culbertson, of Troy, O.

PORTER, CHARLES H., Albany, N. Y., of Dutch and English ancestry, was born in Ghent, Columbus co., N. Y., Nov. 11th, 1834. He was educated in Hudson, N. Y., Philadelphia, Pa., and at Yale coll., graduating from the last A. M. in 1857. His medical studies were pursued at the Albany med. coll., Albany, from which he received his degree of M. D. in 1861. He settled in Albany, devoting his attention specially to medical jurisprudence. He is a member of the N. Y. State med. soc., was its treasurer in 1873, and of the Conn. acad. of science. His contributions to medical science are "Arsenic in Common Life," *Berkshire Medical Journal*, 1856; "Arsenic and Cases," Transactions of the med. soc. of the State of New York, 1861; "Statement of the Case of the People *vs.* Elisha B. Fere," *Journal of Psychological Medicine*, New York, April, 1870, annals of the Albany co. med. soc., etc. During 1855 and 1856 he was prof. of chemistry of the Vt. med. coll.; from 1857 to 1862 prof. of chemistry and medical jurisprudence in the Albany med. coll.; and from 1872 to 1874 attending surg. to St. Peter's hosp., Albany, N. Y. During the war of the rebellion, 1862, he was ass't surg. 40th reg. N. Y. vols., and from November, 1862, to August, 1865, surg. 6th reg. N. Y. heavy artillery. He has been U. S. examining surg. since 1871.

NAGLE, JOHN T., New York, educated at the New York free acad., graduated at the New York med. coll. in March, 1864. He is a member of the N. Y. county med. soc., the New York public health asso., the Am. public health asso., etc., etc. He is the author of "Reports on the Sanitary Condition of the lower half of the Seventeenth Ward Division, New York," and on

the "Births, Marriages, and Deaths in New York, in 1870, 1871, 1872, 1873, 1874, 1875, 1876," etc. To May, 1864, he was acting ass't surg. U. S. army, and ass't surg. 192d N. Y. State vols. to May, 1865.

MITCHELL, S. WEIR, Philadelphia, Pa., son of Prof. J. K. Mitchell, Jefferson med. coll., was born in Philadelphia, Feb. 15th, 1829. His literary education was pursued at the univ. of Pa., which institution he left early in his senior year, on account of illness. His medical degree was conferred by the Jefferson med. coll., in 1850. Dr. Mitchell is a member of the National acad. of science of the U. S., and of numerous other scientific institutions both at home and abroad. The following is a list of books and of essays contributed to various medical journals: 1. "On the Various Forms of Uric Acid Crystals, and on the Mode of their Formation," *American Journal of the Medical Sciences*, 1852, p. 121—pp. 4. 2. "The Relations of the Pulse to Conditions of Fixed or Extreme Inspiration and Expiration," *ibid.*, 1854, p. 387—pp. 12. 3. "Bibliographical Notices of American Memoirs upon Physiological Subjects," *North American Medico-Chirurgical Review*, Jan., 1858—pp. 30. 4. "Observations on the Blood Crystals of the Sturgeon, Acipenser Brevirostrum," Proceedings of the Biological Department of the Academy of Natural Sciences, Philadelphia, March, 1858—pp. 2, with colored plates. 5. "On the Inhalation of Cinchonia and its Salts," *ibid.*, Dec., 1858—pp. 2. 6. "Notes upon the Effects of Alcohol, Glycerine, Water, Gum, Ammonia, and the Vacuum upon the Excised Hearts of the Frog, Turtle, and Sturgeon," *ibid.*, Dec., 1858, *American Journal of Medical Sciences*, April, 1859—pp. 6. 7. "Experimental Researches relative to Corroval and Vao, two new varieties of Woorara, the South American Arrow Poison," by Wm. A. Hammond, M. D., and S. Weir Mitchell, M. D., Biol. Dep't Acad. Nat. Sciences, May 16th, 1859, *American Journal Medical Sciences*, July, 1859—pp. 48, with wood cuts. 8. "An Experimental Examination of the Toxicological Effects of Sassy Bark, an Ordeal Poison from Liberia, West Africa," by S. Weir Mitchell, M. D., and Wm. A. Hammond, M. D., Biol. Dep't Acad. Nat. Sciences, Philadelphia, June 29, 1859, *Charleston Medical Journal and Review*, Nov., 1859—pp. 20. 9. "On the Production of Cataract in Frogs by the Administration of Saccharine Substances," Biol. Dep't Acad. Nat. Sciences, Oct. 3d, 1859, *American Journal Medical Sciences*, Jan., 1860—pp. 5. 10. "On the Physical and Chemical Characteristics of Corroval and Vao, two recently discovered varieties of Woorara, and on a New Alkaloid, constituting their active principle," by Wm. A. Hammond, M. D., and S. Weir Mitchell, M. D.—pp. 10, Proc. Acad. Nat. Sciences, Biol. Dep't, April, 1860. 11. "Researches upon the Venom of the Rattlesnake, with an Investigation of the Anatomy and Physiology of the Organs Concerned," Smithsonian Contributions to Knowledge, accepted for publication July, 1860, quarto, pp. 150; wood cuts, with full bibliography and an enumeration of genera and species, by E. D. Cope. 12. "On the Treatment of Rattlesnake Bites, with Experimental Criticisms upon the Various Remedies now in use," *North American Medico-Chirurgical Review*, March, 1861—pp. 45. 13. "Sur la Résistance aux Effets du Curare Offerte par la Tortue connue sur le nom de Snapping-Turtle (Chelonura Serpentina)," *Journal de la Physiologie de l'Homme et des Animaux*, tome v., p. 109, Paris, 1862, 14. "Experiments and Observations upon the Circulation in the Chelonura Serpentina (Snapping-Turtle), with Especial Reference to the Pressure of the Blood in the Arteries and Veins," Memoirs of the American Philosophical Society, vol. xii., N. S. Pt. 1, p. 219, April, 1862, quarto, pp. 14. 15. "Researches on the Anatomy and Physiology of Respiration in the Chelonia," by S. Weir Mitchell, M. D., and Geo. R. Morehouse, M. D., Smithsonian Contributions to Knowledge, accepted for publication March, 1863, quarto, pp. 42, with wood cuts. 16. "Reflex Paralysis, being Circular No. 6 of Surgeon-General's Office, March 10th, 1864," by S. Weir Mitchell, M. D., Geo. R. Morehouse, M. D., and Wm. W. Keen, Jr., M. D. 17. "Gunshot Wounds and other Injuries of Nerves," by S. Weir Mitchell, M. D., Geo. R. Morehouse, M. D., and Wm. W. Keen, Jr., M. D., in charge of U. S. A. Wards for Diseases and Injuries of the Nervous System, Turner's Lane Hospital, Philadelphia; oct. pp. 164, J. B. Lippincott & Co., Philadelphia, 1864. 18. "On Malingering, especially in regard to Simulation of Diseases of the Nervous System," by Wm. W. Keen, Jr., M. D., S. Weir Mitchell, M. D., and Geo. R. Morehouse, M. D., in charge of U. S. A. Hospital Wards for Diseases and Injuries of the Nervous System, Turner's Lane Hospital, Philadelphia, *American Journal Medical Science*, Oct., 1864—pp. 28. 19. "An Inquiry into the Correctness of the Belief that Prof. Bibron was the Inventor of the Antidote which bears his name," *ibid.*, Oct., 1864—pp. 3. 20. "Arsenical Albuminuria," read before the Pathological Society of Philadelphia, Jan. 8th, 1862, *New York Medical Journal*, June,

1865—pp. 6. 21. "On the Antagonism of Atropia and Morphia," founded on observations and experiments made at the U. S. A. Hospital for Injuries and Diseases of the Nervous System, etc., by S. Weir Mitchell, M. D., Wm. W. Keen, Jr., M. D., and Geo. R. Morehouse, M. D., pp. 10, *American Journal of Medical Science*, July, 1865. 22. "Paralysis from Peripheral Irritation," *New York Medical Journal*, Jan., 1866—pp. 67. 23. "On Retrogressive Motions in Birds, Produced by the Application of Cold to the Cervical Spine, with remarks on the use of that agent as an aid in Physiological Investigations," *American Journal Medical Science*, Jan., 1867—pp. 15. 24. "On the Production of Reflex Spasms and Paralysis in Birds, by the Application of Cold to Definite Regions of the Skin," *ibid.*, Jan., 1868—pp. 7. 25. "Experimental Contributions to the Toxicology of Rattlesnake Venom," *New York Medical Journal*, Jan., 1868—pp. 34. 26. "Researches on the Physiology of the Cerebellum," pp. 19, *American Journal Medical Science*, April, 1869. 27. "On Certain Forms of Neuralgia, Accompanied by Muscular Spasm, and Extravasations of Blood, and on Purpura as a Neurosis," *ibid.*, July, 1869, and Transactions College of Physicians, 1869. 28. "Effects of Chloral, Chloroform, and Ether Hypodermically Employed," p. 1, *ibid.*, Oct., 1869. 29. "On the Insusceptibility of Pigeons to the Toxic Action of Opium," pp. 2, *American Journal Medical Science*, Oct., 1869. 30. "On the Effect of Opium and its Derivative Alkaloids," pp. 16, *ibid.*, Jan., 1870. 31. "Observations on Poisoning with Rattlesnake Venom," *ibid.*, 1870. 32. "On the Use of the Bromide of Lithium," pp. 2, Transactions College of Physicians, 1870. 33. "Gunshot Wound of Lungs," a report of a case of rapid respiration, with John H. Brinton, M. D., *American Journal Medical Science*, Oct., 1870, and Transactions College of Physicians, 1870. 34. "Ulceration of the Skin, as an Effect of the Use of the Bromides," pp. 2, Transactions College of Physicians, 1870. 35. "On the Use of Skimmed Milk as an Exclusive Diet in Disease," *Philadelphia Medical Times*, Oct., 1870, March, 1871. 36. "On the Growth of the Nails as a Prognostic Indication in Cerebral Paralysis," pp. 3, *American Journal Medical Science*, 1871. 37. "Wear and Tear—Hints for the Overworked," pp. 60, J. B. Lippincott & Co., 1873. 38. "The Rate of Growth of the Nails as a Means of Diagnosing Certain Forms of Paralysis," *Philadelphia Medical Times*, June, 1872. 39. "On Injuries of Nerves and their Consequences," pp. 400, J. B. Lippincott & Co., Philadelphia, 1872. 40. "Nitrite of Amyl in Epilepsy," p. 1, *Philadelphia Medical Times*, 1872. 41. "Clinical Lectures on Certain Painful Affections of the Feet," pp. 5, *ibid.*, Nov., 1872. 42. "Cases Illustrative of the use of Ophthalmoscope in the Diagnosis of Intra-Cranial Lesions," with Wm. Thomson, M. D., pp. 15, *American Journal Medical Science*, July, 1873. 43. "The Influence of Rest in Locomotor Ataxia," pp. 3, *ibid.*, July, 1873. 44. "The Influence of Nerve Lesions on Temperature," Archives Science and Practice of Medicine, 1873. 45. "Anal and Perineal Neuralgia," p. 1, *Philadelphia Medical Times*, 1873. 46. "The Supply of Nerves to the Skin," pp. 2, *ibid.*, March, 1874. 47. "Emboli of the Right Middle Cerebral Artery; Left Hemiplegia and Death," p. 1, *ibid.*, June, 1874. 48. "Traumatic Neuralgia; Section of Median Nerve," pp. 13, *American Journal of Medical Science*, July, 1874. 49. "Headaches: From Heat-Stroke, from Fevers, after Meningitis, from Over-Use of Brain, from Eye-Strain," pp. 8, *Medical and Surgical Reporter*, July and Aug., 1874. 50. "The Nervous Accidents of Albuminuria," pp. 4, *Philadelphia Medical Times*, Aug., 1874. 51. "Post-Paralytic Chorea," pp. 11, *American Journal Medical Science*, Oct., 1874. 52. "The Headaches of Childhood," pp. 4, *Medical and Surgical Reporter*, Feb., 1875. 53. "On the Use of Nitrite of Amyl in Various Forms of Spasm, and on its Value as an Aid to Diagnosis," pp. 16, Transactions College of Physicians, Feb., 1875, and *Philadelphia Medical Times*, March, 1875. 54. "On the Spasmodic Diseases of Stumps," pp. 2, *ibid.*, Feb., 1875. 55. "Spinal Arthropathies," pp. 10, *American Journal Medical Science*, April, 1875. 56. "Rest in the Treatment of Nervous Disease," pp. 20, *American Clinic Lectures*, edited by E. C. Seguin, M. D., vol. I, No. 4, 1875. 57. "On Some of the Disorders of Sleep," *Virginia Medical Monthly*, Jan., 1876. 58. "Notes on Headaches," pp. 6, *Medical and Surgical Reporter*, Jan. and Feb., 1876. 59. "Neurotomy," by S. Weir Mitchell, M. D., with "An Examination of Three Regenerated Nerves, and Notes on Neural Repair," by R. M. Bertolet, M. D., pp. 14, *American Journal Medical Science*, April, 1876. 60. "Headaches from Eye-Strain," pp. 12, *ibid.*, 1876. 61. "Cases Illustrating Local Injuries of Nerves, and their Trophic Consequences, with Comments," pp. 24, Transactions College of Physicians, May, 1876. 62. "The Relation of Pain to Weather, being a Study of a Case of Traumatic Neuralgia," pp. 25, *American Journal Medical Science*, April, 1877. 63. "Clinical Lectures on Traumatic Neuralgia, Chorea,

Palsies," Nov., 1876; "Hysteria," Jan., 1877; "Vertigo," June, 1877; "Nervous Exhaustion," July, 1877, *Medical and Surgical Reporter*. 64. "Clinical Lectures on Nervousness in the Male," pp. 7, *Medical News and Library*, Dec., 1877. 65. "The Annual Oration before the Medical and Chirurgical Faculty of Maryland," pp. 18, Innes & Co., Baltimore, 1877. 66. "Fat and Blood, and How to Make Them," 2d ed., pp. 109, J. B. Lippincott & Co., Philadelphia, 1877.

SAUNDERS, JOHN SMITH, Bonham, Texas, was born in Barren co., Ky., Sept. 22d, 1826. He graduated in medicine from the univ. of Louisville, Ky., in 1854, and commenced practice first in Warren co. In 1857 he went to reside in Dallas, Texas, and in 1869 settled in Bonham. Has been president of the Fannin co. med. asso. since its organization in 1874, and is a member of the Texas State med. asso. During the war of the rebellion he served as surg. of brigade in the provisional army of the Confederacy. In 1850 he married Miss Claypool, of Kentucky.

WHITE, ROBERT W., Waco, Texas, son of Hon. John White, of New Hampshire, was born in Franklin, Tenn., Aug. 14th, 1822, and graduated in medicine at Transylvania univ., Lexington, Ky., in March, 1844. He located first in Montevallo, Ala., then in La Grange, Texas, and finally in Waco. He is a member of the Texas State med. asso., and of the Waco med. asso., and was president of the latter during 1874. During the war of the rebellion he was surgeon of a regiment. He married in Oct., 1845.

STONE, JOSEPH C., Burlington, Iowa, of English and Dutch parentage, was born in Westport, Essex co., N. Y., July 30th, 1829. After an early district-school education he spent some years on a farm in Iowa, to which State he emigrated in 1844. He was for some time a student in Illinois coll., and studied medicine in St. Louis, Mo., in the univ. of that city, graduating from its medical department in 1854. In 1854 he located himself in Iowa City, in general practice, but giving a preference to surgery, and has been very successful in cases of hernia. In 1856 he visited the hospitals of Europe, and in the fall of 1865 settled in Burlington. He is a member of the county and State med. socs. During the war he was adjutant of the 1st Iowa cavalry, and served in the Southwest under Gens. Curtis and Halleck, and in the South under Gens. Banks and Canby. He is a member of Congress from the first district of his State, having been elected by the Republican party.

CHAPIN, ANDREW BLISS, Flint, Mich., son of Elam Chapin, was born in Shelby, McComb co., Mich., April 5th, 1839. He graduated doctor in medicine from the med. dep't of the univ. of Mich. in March, 1861, and located himself at Orion, Mich., removing to Flint after a few months' stay at that place. He has pursued a general practice, but his specialty has been operative surgery and obstetrics. He is a member of the Flint acad. of med., and was its president in 1875; of the Mich. State med. soc., vice-president in 1874; and is also a member of the Am. med. asso. He was appointed ass't surg. of the U. S. vols. in Oct., 1862, and had charge of the U. S. general hosp., St. John's Coll., Annapolis, Md., 1863, during the war of the rebellion. In 1874 he was med. director of Kautz's cavalry. In Dec., 1862, he married Josephine H. Rose.

CHASE, FREEMAN HERSEY, Orland, Me., of German ancestry, born in Lincoln, Me., Sept. 2d, 1838; received his general education at Bowdoin coll., Brunswick, Me., from which he graduated in 1859; and his medical education at Portland school for medical instruction, and Me. med. school. He graduated from the latter in 1865, settling in Orland in 1867, in general practice, but making a specialty of diseases of women and children. He is a member of the med. asso. of Me. He served four years as lieutenant in the 12th Me. reg., and was a prisoner in the Southern prisons for twelve months during the war of the rebellion. In March, 1866, he married Isabell Josie, daughter of Mr. Baker, of Bangor, Me.

COLE, DAVID V., Des Moines, Iowa, was born in Greene co., Ky., June 23d, 1822. He studied medicine in the office of Prof. John C. Moore, of St. Louis, and at the univ. of Mo.; graduated in March, 1849, and received *ad eundem* degree from the Chicago med. coll. in 1866. He commenced practice in St. Louis, Mo., removing to Fairfield, Iowa, in 1850, and to Des Moines in 1851. His practice is purely medical, and is confined to the eye and ear, and to women and children. He is a member of the Iowa State med. soc., and of the Polk co. med. soc., was elected president of the latter in 1873 and 1874. He has published papers on intermittent, bilious, remittent, typhoid fevers, and diseases of the eye. He was elected phys.

of Polk co., in 1873, 1874, and 1875; and has also been phys. to Forest Home hosp. He was editor and publisher of the *Iowa Statesman* in 1871; and has been president of agricultural societies, etc., etc. He married twice.

HILL, NATHAN S., Neville, O., was born, July 20th, 1828, in Cynthiana, Ky. He was educated at a high school in Moscow, Clermont co., O., and graduated at the Ohio med. coll. in 1862, commencing practice the same year at Felicity, Clermont co., O., from which he removed, in 1865, to Neville, in the same county. He is a member of the Clermont co. med. soc., of which he has been president; and of the Ohio State med. soc. In the civil war he served three years in the Federal army; first, as ass't surg. in the 121st reg. of Ohio infantry, and afterwards as surg. of the 52d reg. He married, May 14th, 1861.

COOPER, GEORGE FRANKLIN, Americus, Ga., of English ancestry, born in Wilks co., Ga., July 31st, 1825, received his academic education in Harris co., Ga.; took his first course of medical lectures in Transylvania univ., Ky., and his second course in Jefferson med. coll., Philadelphia. He graduated from the latter in March, 1845, and subsequently spent a winter in the Great Charity hosp., New Orleans. He commenced practice in Perry, Houston co., Ga., in 1846, and in 1854 removed to Americus. He has for the last fifteen years been the minister of the Baptist church in Americus, and divides his time between his two professions. His medical practice is general. He is the author of "Diseases of Perry County, and Vicinity: its Climate, Geology, etc.;" "Diet in Disease;" "Sanitary Condition of Public Prisons: Food, etc.;" the last two being reports to the State board of health; report of a "Case of Poisoning by Ruta Graveolens;" and a case of obstetrics to the Ga. med. association's report on that subject. He was senior surg., Lanton's brigade, in the Confederate army, during a portion of the war. Later, he was assigned to hospital duty by reason of ill-health. He is a member of the Ga. State board of health; is president of the board of public education of Americus, and was a delegate to the late State constitutional convention. In July, 1846, he married.

BOARDMAN, JOHN, Buffalo, N. Y., was born in Watertown, Jefferson co., N. Y., June 4th, 1828. He received his literary education at Mr. Hyde's school, Lee, Mass., and Williams coll. in the same State. He attended two courses of medical lectures in the med. dep't of the univ. of Buffalo, and two courses in the med. dep't of the univ. of Pa., graduating from the latter institution in the spring of 1853. He began practice in Buffalo, where he has continued. He is a member of the Buffalo city med. asso.; of the Erie co. med. asso., of which he served as president for one year; and of the N. Y. State med. soc. During 1870–71 he served as president of the free medical and surgical dispensary of Buffalo. For two years he was demons. of anat. in the med. dep't of the univ. of Buffalo; was phys. to the Buffalo orphan asylum from 1854 to 1858; attending surg. to the Buffalo hosp. of the Sisters of Charity from 1856 to 1873. He was married, June 4th, 1862, to Fannie S. Miller, of New Orleans, La., now deceased.

MOORE, ALBERTUS ADAIR, Camden, S. C., son of James Moore, and Sophia Moore, was born in Yorkville, S. C., Feb. 16th, 1834. He was educated at the male acad., at Ebenezerville, York co., S. C.; at the univ. of Va., and at the univ. of the city of New York; and he graduated in medicine from the latter in March, 1859. He settled first on Tyger River, Spartanburg co., S. C., and removed to Camden in Dec., 1869, a few months after. His practice is general. He is a member of the Kershaw co. med. asso., of which he has been recording secretary since its formation in 1866; and of the S. C. med. asso., of which he was third vice-president in 1874. He is the author of a short article on "Spinal Meningitis," read at the meeting of the S. C. med. asso. in 1875; and of a brief report on "Phytolacca Decandra, in the Treatment of Mastitis," *Virginia Medical Monthly* for May, 1877; also of a case of "Anencephalic Monster," reported in the *Journal of Medical Sciences* for July, 1867. He entered the Confederate army as orderly sergeant in July, 1861; was commissioned ass't surg., Jan., 1863, a position he held till the close of the war. He married Sallie E. Dunlap, Jan., 1865. She died in June, 1867. In Jan., 1873, he married Carrie A. Clarke.

MOORE, WILLIAM C., Wooster, O., of Irish and American descent, born in West Union, Columbiana co., O., June 1st, 1821, graduated at Hudson, O. (then called Cleveland Old) med. coll. in 1850. He settled first at Congress, Wayne co., O., then in Wooster in 1860, then in Mansfield, O., in 1870, and returned to Wooster in 1871. He is the author of a paper on the "History of Epidemics," and another on the "Philosophy

of Ancient Longevity," the first read before the Wayne co. med. soc., and the second before the Mansfield literary soc., in 1871. In 1860 and 1861 he was a member of the lower house of the Ohio legislature. In 1852 he married L. A. Hamilton.

VAN BUREN, EVERT, Fremont, Neb., son of ex-judge Van Buren, of Chicago, was born in Buffalo, N. Y., March 9th, 1840. He was educated at Canandaigua acad., New York, and graduated in medicine from the Rush med. coll. in January, 1867. He practised first on Southfield Plantation, Ga., then in Chicago, then in Le Mont, Ill., and finally in Fremont, to which he removed in 1870. He is a member of the Dodge co., Neb., med. soc., and of the Neb. State med. soc., was president of the former in 1873, and first vice-president of the latter in 1876; he is also a member of the Am. med. asso. He has been councilman of Fremont four years; is a member of the school board; and is now also coroner of Dodge co. During the war he was a private in 132d reg. Ill. vols., and ass't surg., and afterwards surg., of the 147th reg. Ill. vols. He is married.

BAKER, GILBERT GREEN, Trenton, Ark., of Scotch extraction, was born in Marshall co., Miss., Feb. 7th, 1836. He graduated in medicine from the Memphis med. coll. in March, 1860, and established himself in Trenton in general practice. Among the leading incidents of his career was the removal of a portion of the front lobe of the right hemisphere of the brain successfully. He is a member of the med. institute of Phillips co., and of the State med. soc. of Arkansas, and is the author of a paper on "Vital Statistics," read before the county med. institute. He has been married twice; in February, 1861, to M. F. Kendall, of Phillips City, Ark., and in December, 1874, to Mrs. Ida Nicholson, of the same place.

NOYES, HENRY D., New York, born in New York city in 1832, educated at the New York univ., from which he graduated A. B. in 1851, and A. M. in 1854, studied medicine at the coll. of phys. and surg., New York, in 1855, and also at the New York hosp. from 1855 to 1858, and settled in New York city, making a specialty of diseases of the eye and ear. He is a member of the New York acad. of med.; county med. soc.; patholog. and ophthalmolog. socs.; Medical Library Journal asso.; State med. soc.; and of the Am. med. asso. His contributions to medical literature have appeared in the *American Journal of Medical Sciences*, in the *New York Medical Record*, in the *New York Medical Journal*, in the Transactions of the Am. ophthalmolog. soc., and in those of the med. soc. of the State of New York; and in the ophthalmic hospital reports, London. He has been prof. of ophthalmology and otology in Bellevue hosp. coll. since 1868, and executive surgeon of the New York eye and ear infirmary.

LYONS, ALBERT BROWN, Detroit, Mich., son of the Rev. Lorenzo Lyons, missionary, was born in Waimea Hawaii (Hawaiian islands), April 1st, 1841. He was educated at Oahu coll., near Honolulu, and at Williams coll., Mass., and graduated in 1865; studied medicine in the med. dep't of Mich. univ., and received his diploma of M. D. in 1868. He is a member of the Detroit acad. of med., and was its secretary, 1870 and 1874; of the Mich. pharmaceutical asso.; and of the Mich. State med. soc. He was for six years editor of the *Detroit Review of Medicine and Pharmacy*, and an occasional contributor of articles to the *American Journal of Pharmacy*. He has been prof. of chemistry in the Detroit med. coll. since 1869. He is also a charter member of the Detroit scientific asso., which was founded in 1874, and is secretary, cabinet-keeper, etc., of that institution.

VASTINE, JACOB H., Numidia, Pa., was born, April 2d, 1836, in Rush township, Northumberland co., Pa. He was educated at the Danville acad., and the Shamokin collegiate institute, and graduated at the Jefferson med. coll. in March, 1858. He first settled at Elysburg, Northumberland co., Pa., remaining there two years, after which he removed to Numidia, Columbia co., Pa., where he has practised for the last eighteen years. He is a member of the Columbia co. med. soc.; of the State med. soc. of Pa.; and of the Am. med. asso. During the civil war he served as a surgeon in the Union army. He was for seven years attending phys. to the Conyingham and Centralia poorhouse. He married, in 1861, Sarah Hughes.

ALLING, WILLIS GEORGE, New Haven, Conn., was born at Woodbridge, New Haven co., Conn., April 7th, 1837. After passing through a course of literary studies he entered Yale med. coll., and was graduated from that institution in the spring of 1869. His first place of settlement was at New Haven, Conn., where he now resides, actively engaged in the practice of his profession, his specialty being diseases of women. For two years, 1868–69, he was

resident phys. and surg. of Conn. State hosp., and is a member of the New Haven city med. soc.; the New Haven co. med. soc.; and of the Conn. State med. soc.

LONGSTREET, HENRY H., Bordentown, N. J., son of Hendrick and Mary (Holmes) Longstreet, was born, Jan. 11th, 1819, near Holmdel, Monmouth co., N. J. He was educated at a select school in Mattewan, formerly Middletown Point, and at the Lenox (Mass.) high school, and, having read medicine with Dr. Robert W. Cooke, of Holmdel, and Dr. John B. Beck, prof. of materia medica and jurisprudence in the coll. of phys. and surg., New York city, graduated from that institution in March, 1842, settling at Bordentown the first of the following May. He is a member of the Burlington co. med. soc., in which he has held at different times all the offices; and of the State med. soc. of N. J. He has been a director of the Bordentown banking company from its first establishment, and is also a director of the gas company, the water company, and the Vincentown mail company. He married, in 1848, Hannah Ann Taylor, who died in 1857, and, in 1869, Elizabeth Newbold, daughter of the late Joseph Newbold, of Wrightstown, N. J.

TODD, FRANCIS WALTON, Stockton, Cal., was born in Bardstown, Ky., April 17th, 1816. His ancestry is Scotch, his grandfather having emigrated to this country, and settled first in Pennsylvania. His father, Dr. John Todd, was a graduate of the med. dep't univ. of Pa., and his mother's father, Rev. Dr. John Blair Smith, was president of Hampden Sidney coll., Va., Union coll., Schenectady, etc., etc. His literary education was received at Jacksonville (Ill.) coll., and his medical studies were pursued under his father, and at the Cincinnati med. coll., from which institution he graduated in 1838. He commenced practice in Springfield, Ill., thence removed to Port Gibson, Miss., and after service in Mexico, and at New Orleans, went to California in 1849, and practised there first at Auburn, and then at Stockton. In his practice he has paid special attention to surgery, gynæcology, and obstetrics, and has successfully performed many of the more important operations. He is member and secretary of the San Joaquin co. med. soc.; of the Cal. State med. soc., has been twice its vice-president, and once its secretary; of the Am. med. asso.; and of the International med. congress held in Philadelphia in 1876. He has read various papers before the State board of health, of which he is a member, the State med. soc., the San Joaquin co. med. soc., and the Stockton common council on sanitary matters. He was appointed surgeon in the U. S. army, under the act of 1846, a position he resigned while in Mexico. While there he served under Gen. Scott as surgeon, and also accompanied him on his return in the same capacity. He is president of the San Joaquin Valley soc. of pioneers, and is president of the Stockton board of health. In 1849 he made the settlement of a thriving mining town in Placer co., Cal., known as "Todd's Valley." In 1851 he married Mrs. Jackson, née Bullitt, of Louisiana.

ALSTON, WILLIS, Littleton, N. C., born in Halifax co., N. C., Aug. 5th, 1847, was educated at the univ. of N. C., whence he graduated in June, 1867, and studied medicine at the med. school of the univ. of Md., where he received his degree of M. D. in 1869. He first settled in Littleton, then in Warrenton, N. C., again returning to Littleton in 1872. He is a member of the N. C. State med. soc. He has reported "A Case of Reduction of Dislocation of Hip-Joint on Dorsum by Manipulation," etc., *Medical News and Library*, 1859; one of "Laryngotomy," *Richmond and Louisville Medical Journal;* "Glioma Retinæ," Transactions med. soc. of N. C., 1871; "Extirpation Vulvo-Vaginal Gland," *Richmond and Louisville Journal*, 1873; "Essay on Cholera," *New York Medical Journal*, March, 1875; address on "The Philosophy of Food," Transactions med. soc. of N. C., 1876. In November, 1871, he married Lucy, daughter of the late Dr. Charles Skinner, of Warrenton, N. C.

NICHOLS, ISAAC A., Newark, N. J., born in Newark, Feb. 24th, 1828, studied medicine at the coll. of phys., New York, graduated in 1850, and located himself in Newark. He is a member of the Newark med. asso.; of the N. J. acad. of med.; and of the Essex co. med. soc.; of the last he was president in 1873. He is surgeon of St. Michael's hosp., Newark; surgeon of the Pa. railroad company; and has been for nineteen years health phys. of Newark. He married in 1854.

BOOTH, DAVID W., Vicksburg, Miss., of American parentage and English and Irish extraction, was born in Vicksburg, Miss., July 17th, 1840. His literary and classical education was received at the Hampden Sidney coll., Va., and his medical education at the univ. of La., whence he graduated M. D. in 1861. At the close of the civil war he settled in Vicksburg. He is a member of

the Am. med. asso., and of the Miss. State med. asso. In 1865 he was elected phys. in charge of the city hosp., which was re-opened when that building was turned over by the U. S. forces which had occupied it, and remained surg. in charge till 1869. In 1875 he leased the same building, and established an institution known as the Hill City infirmary, of which he is still sup't and surg. in charge. His contributions to medical literature have consisted mainly of papers published in the transactions of the Miss. State med. asso. During the civil war he served in the Confederate States army as ass't surg., regimental and brigade surg., and medical inspector and staff surg. In May, 1866, he married Belle, daughter of David Woodruff, of Tuscaloosa, Ala.

RICHARDSON, NICHOLAS D., Athens, Ala., born in that city, Nov. 30th, 1832, received his general education in the univ. of Va., studied medicine in the Jefferson med. coll., and graduated in 1853, settling at Athens in general practice. He is censor of the Ala. State med. soc., and president of the Limerick co. med. soc. During the war of the rebellion he was surg. in the Confederate States army. He married in Oct., 1858.

LESSING, FERDINAND, Winona, Minn., was born in Germany, March 5th, 1837. He is of German extraction, and his father was a surgeon. After serving a three years' apprenticeship in an apothecary shop in Germany, he emigrated to this country in 1852, taking up his residence in New York city. During 1854–55 he resided at Chicago, Ill., and Guttenberg, Iowa, settling finally, in 1856, in Wabashaw, Minn. His first course of medical studies was pursued in 1865–66, and from March of the latter year until Jan. 1st, 1869, he served in the U. S. army as acting ass't surg. In the spring of 1865 he graduated from the univ. of Pa., having previously, from July, 1864, to Jan., 1865, been engaged in the drug business at Wabashaw, Minn. His initial field of practice, 1870–71, was in the city of Philadelphia, Pa. Prior to his establishment in practice, however, he spent a year, 1869–70, in travelling through Europe, visiting the hospitals of London, etc., and making a general tour of the continent. During his stay at Norfolk, Va., he attended a colored man who for months had to be tied up in bed, as, when at liberty, he would throw himself on the floor and roll from right to left, over and over like a barrel. A post-mortem examination revealed what was expected, a growing tumor pressing upon the left crus-cerebelli. He has been a member of the State med. soc. of Minn., since 1871; has served two years as chairman on materia medica, and was also a member (and founder) of Wabashaw co. med. soc. from 1871 to 1874. He continued his connection with that body until his removal to Winona, Minn., when he became a member of the Winona co. med. soc. For the past two years he has been coroner of Winona co., and has recently been elected to serve until Jan. 1st, 1880. During the war of the rebellion he served in the U. S. army as acting ass't surg. at Norfolk, Va. At the present time he is one of the directors of the Merchants' National Bank, city of Winona, Minn. He was married in Philadelphia, Pa., in April, 1871, to Miss Evans.

STATHEM, THOMAS EWING, Greenwich, N. J., was born in Greenwich, June 10th, 1832. He was educated at the West Jersey acad., at Bridgeton, N. J., and studied medicine in the univ. of Pa., graduated in the spring of 1860, and settled in Canton, Salem co., N. J. After the war he returned to Greenwich. He is a member of the Cumberland co. med. soc., and has frequently been its president. He was ass't surg. of the 133d reg. Pa. vol. infantry, and served with it till the end of the war, having been in the battles of last Bull Run, South Mountain, Antietam, Fredericksburg, Chancellorsville, and the Wilderness.

WILKERSON, WILLIAM WASHINGTON, Marion, Ala., was born in Tuscaloosa co., Ala., Aug. 15th, 1833. He was educated at the univ. of Ala., and graduated at Jefferson med. coll., Philadelphia, in March, 1855, settling in Marion, Perry co., in general practice. He is a member of the Alabama State med. asso., was one of its house of councillors in 1875; and of the Perry co. med. soc. He is also president of the board of trustees of Howard coll., the State coll. of the Baptist denomination. In Feb., 1857, he married Sarah W. Moore, of Perry co.

BEGGS, GEORGE WEST, Sioux City, Iowa, of mixed English, Irish, Scotch, and German ancestry, son of the Rev. S. R. Beggs, author of "Early History of Methodism in the West," was born in Plainfield, Will co., Ill., May 17th, 1837. After passing three years in the Northwestern univ., Evanston, Ill., he studied medicine in the Rush med. coll., Chicago, Ill., and graduated in 1862. He located himself in Naperville, Du Page co., Ill., but in 1866 removed and settled in

Sioux City. In his practice, which embraces surgery as well as medicine, he has performed many of the more important operations with success. He is a member of the Sioux City med. soc., of the Fox River med. soc., and of the Iowa State med. soc. His contributions to medical literature consist of papers on "Influenza," "Progress of Medicine," etc. read before the county and State societies, and a paper on "Meteorology and Epidemic Disease," published in the transactions of the State med. soc. During the war of the rebellion he was surg. of the 105th Ill. vol. infantry, was promoted three times, and was with Sherman in his march to the sea. In 1865 he married Lilla A., daughter of J. Sims, Esq., of Plainfield, Ill.

STINSON, JAMES ANDREW, Jacksonport, Ark., son of Laird Stinson and Sarah (Boyer) Stinson, was born in Shawneetown, Ill., Nov. 17th, 1830. He studied medicine in the Cincinnati med. coll., and graduated in 1872, settling first at Marshall, Searcy co., Ark., and afterwards at Jacksonport. Among the peculiar incidents of his practice was a case of fistula of three years' standing, which, on being laid open, was found to contain an ounce of hair. He is a member of the coll. of phys. and surg. of Little Rock, Ark., secretary of Jackson co. med. soc., and one of the vice-presidents of the Arkansas State med. soc. He has contributed a report of a successful case of lithotomy to the *Nashville Medical Journal*, an article on hemorrhagic malarial fever, etc. During the war of the rebellion he was a surg. in the Confederate service, performing hospital duty. He married in Vicksburg, Miss., in 1857.

WOOLVERTON, JOHN, Trenton, N. J., born in Hunterdon co., N. J., Oct. 27th, 1825, was educated at Lafayette coll., Easton, Pa., and studied medicine at the univ. of Pa. He graduated in 1849, and established himself in Easton. He is a fellow of the State med. soc. of N. J., and was its president in 1862; also State senator in 1869, 1870, and 1871. He married in May, 1854.

BURNS, ROBERT, Frankford, Pa., was born, Nov. 7th, 1809, in Glasgow, Scotland, though his parents, shortly after his birth, removed to Ireland, of which his father was a native, and remained there until 1830, when they emigrated to this country, bringing him with them. He was educated at Newtown-Ardes, county Down, Ireland, and, having read medicine in the office of Dr. William Strane, of Dublin, attended a course of medical lectures at the univ. of Glasgow, on the conclusion of which the emigration of the family took place—during which, by the way, he acted as surg. of the vessel that brought them over the Atlantic—and, settling in Frankford, Pa., he began his career in his adopted country as a pharmacist, receiving the degree of M. D. from the univ. of Pa., in 1839, when he at once entered upon the practice at Frankford, where he has continued it ever since. For many years he has been contract surg. to the U. S. arsenal at Frankford. He is a member of the Philadelphia co. med. soc., its vice-president in 1866; of the med. soc. of Pa., and the Am. med. asso. He married in this country, and has had seven daughters and two sons, of whom one son, Dr. R. Bruce Burns, is living.

BALDWIN, JAMES, Danbury, Conn., son of Dr. Gabriel Baldwin, was born in Easton, Fairfield co., Conn. He studied medicine at Yale coll., graduated in 1825, and settled first in Easton, then in Stratford, and lastly in Danbury, Fairfield co. He has represented both Easton and Danbury in the State legislature.

HUNTSMAN, HENRY C., Oskaloosa, Iowa, was born near Dayton, O., Sept. 16th, 1825; was educated at Laporte acad. and Franklin coll., Ind.; studied medicine in the office of Profs. Meeker and Higday, at Laporte; attended two courses of lectures in the Laporte med. coll., and afterwards one course at univ. of Ann Arbor, Mich., from which he graduated doctor of medicine, in April, 1851, and settled first at Lafayette, Polk co., then in Pella, and finally in Oskaloosa. During his practice he has successfully performed Cæsarean section, removed the lower jaw, ovarian tumors, and amputated three inches of the omentum. He is a member of the Wahaska co. med. soc., of the Iowa State med. soc., and of the Am. med. asso. He was the first president of the Des Moines valley med. asso., etc. In 1862 and 1863 he held the position of first ass't surg. of the 5th Iowa infantry reg., and afterward that of surg. U. S. vols. He is now surg. for the Oskaloosa branch of the C. R. I. and P. R. R.; is thoroughly devoted to his profession. In Sept., 1856, he married Matilda, daughter of Lyle Fulton, Esq., of Fultonham, O.

SWASEY, WILLIAM, Limerick, Me., son of Dr. William Swasey and Mary (Robinson) Swasey, was born in Limerick, Me., Aug. 25th, 1805. He obtained his literary education at Phillips' Limerick acad.,

and studied medicine at Bowdoin med. school, graduating in 1827, and settling in Limerick. He is a member of the Me. med. asso., to the proceedings of which he has contributed various medical articles. He is trustee of the Me. insane hosp.; has official connection with the Me. general hosp.; and was examining surg. during the late war. He has been married twice.

WHITEHEAD, PETER FLANAGAN, Vicksburg, Miss., of English and Irish ancestry, born in Winchester, Ky., June 9th, 1838, was educated at the academy at Winchester, Ky., studied medicine at Jefferson med. coll., Philadelphia, and graduated in 1859. He remained in the Philadelphia hosp. one year, and then located himself in Independence, Mo. After the war he settled in Vicksburg. In 1874 he was elected president of the Miss. State med. asso., and member of the Am. med. asso. He has been an occasional contributor to medical journals, chiefly to the *Richmond and Louisville Medical Journal*. He entered the Confederate army on the breaking out of the war of the rebellion, was three years regimental surg., and one year chief surg. of division. In Feb., 1865, he married Irene Cowan.

STUART, DAVID F., Houston, Texas, of Scotch-Irish parentage, born at Bethany, Brook co., West Va., Aug. 15th, 1833, was educated at Bethany, and pursued his medical studies at the univ. of La., and at the Jefferson med. coll., graduating from the latter in 1859. Until the war he settled at Gay Hill, Washington co., Texas; after it, at Houston. He was president of the Texas State med. asso. in 1874, and vice-president in 1872–73; and was also a member of the International med. congress held in Philadelphia in 1876. During the war he was surg. in the Confederate States army, in Granberry's Texas brigade. He has care of the sick and indigent of Harris co. and the city of Houston, by contract; and is also principal of the Houston infirmary. He is married.

HAMLETT, STEPHEN BEDFORD, born in Shelby co., Texas, June 8th, 1844, attended lectures in the med. dep't of the univ. of La., and in the Galveston med. coll., and graduating from the latter institution in 1869, having been engaged in the practice since 1866; and located respectively in the following places: Magnolia, Anderson co.; Palestine, Navasata, and Calvert, Texas. In 1870 he finally settled in Waco, Texas. He is a member of the Texas State med. asso., and was its corresponding secretary in 1873–74; also recording secretary, from 1870 to 1874, of the Waco med. asso. In July, 1872, he married Jennie Hall, daughter of Alexander A. Casseday, Esq., of Waco, Texas.

TODD, ROBERT NATHANIEL, Indianapolis, Ind., son of Judge L. L. Todd, of Lexington, Ky., was born in Jessamine co., Ky., Jan. 4th, 1827. He studied his profession at the Ind. central med. coll., and at the univ. of Louisville, Ky., graduating at the former in 1851, and at the latter in 1861. He commenced practice first in Marion co., and then removed to Indianapolis. He is president of the Ind. State med. soc., and of the acad. of med. at Indianapolis; also member of the judicial council of the Am. med. asso. since its organization. He was surg. of the 24th vol. reg. of Ind. infantry, receiving his commission at the breaking out of the civil war. He is trustee of the city hosp. of Indianapolis, and also of the med. hosp. for the insane, dep't of women. From 1854 to 1857 he was a member of the Indiana legislature.

BECK, JOSEPH REINMUND, Fort Wayne, Ind., was born in the city of Lancaster, Fairfield co., O., March 19th, 1843. His father was born in Berlin, and his mother at Allentown, Pa., although the latter was of German descent. He is the eldest of ten children, nine of whom are living. He received quite a thorough education in the Lancaster, O., high school, most of which was acquired under the tutelage of that ripe and competent scholar, and deservedly eminent educator, Dr. John Williams. He began the study of medicine under the tuition of Dr. P. M. Wagenhals, at Lancaster, Sept. 1st, 1862, and graduated in medicine from the med. dep't of the univ. of Pa., March 10th, 1866. From October of the latter year, until March 1st, 1867, he was engaged in the general practice of medicine in the city of Toledo, O., from which place he removed on the last-named date to Lancaster, in the same State, to assume a business connection with his former preceptor. He remained in general practice in Lancaster until July 30th, 1871, at which time he removed to the city of Fort Wayne, Ind., where he has since resided. He performed the operation of ovariotomy as early in his professional career as 1867; in 1872 he made a discovery of facts which completely reformed the prevailing theories of the *modus operandi* of impregnation; and in 1876 he designed a new method of applying a solution of perchloride of iron to the uterine mucous membrane, which entirely avoided the dan-

gers attendant upon its use as an injection. This instrument is the uterine applicator known by his name in manufacturers' lists. Early in 1874 he declined general practice, and since that time has devoted himself exclusively to the practice of gynæcology. He was elected a member of the Allen co. (Ind.) med. soc. in Aug., 1871, and has been successively re-elected secretary of this body since 1873. He became a member of the Ind. State med. soc. in May, 1873; of the Am. med. asso. in 1873; and was elected fellow of the obstetrical soc. of London in June, 1876. He has published among others the following papers: "On Mammary Abscess," 1871; "Practical Notes on the Use of Strychnia," 1871; "Remarkable Case of Modified Variola," 1871; "Doubtful Cases," 1872; "Camphor as a Poison," 1872; "Hydrate of Chloral in Traumatic Tetanus," 1872; "Singular Bony Tumor of Great Toe," 1872; "How do the Spermatozoa Enter the Uterus" (first paper), 1872; "Pyæmia as a Cause of Fatality in Ovariotomy," 1873; "Iodide of Potassium," 1874; "Syphilis" (first paper), 1874; "How do the Spermatozoa Enter the Uterus" (second paper), 1874; "Application of Perchloride of Iron to the Endometrium," 1876; "Syphilis" (second paper), 1877; and others. In his two papers on impregnation he announced for the first time the theory of the true mode of impregnation, and fully demonstrated the erectility of the lower segment of the uterus. From 1868 to 1871 he held the position of examining surg. for pensions, at Lancaster, O. He was married at Lancaster, on April 27th, 1869, to Anna Cecilia, youngest daughter of the late Hon. Hocking H. Hunter, of Lancaster, who was elected chief justice of the supreme court of Ohio, at the time the late John Brough was elected governor of that State.

GARDNER, CLARENCE TRIPP, of Providence, R. I., was born at Seekonk, Mass., Oct. 24th, 1844, and is of American parentage. He received his preliminary education at the Pawtucket grammar and high schools, and subsequently entered Brown univ., whence he was transferred to Harvard med. coll., graduating from that institution, March 7th, 1866. He then entered upon the practice of his profession at Providence, R. I., where he has since remained. He is a member of the R. I. State med. soc.; and of the Providence med. asso.; from 1869 to 1872 acted as secretary of the State med. soc.; and in 1874 was elected president of the city med. asso. He has read many reports of peculiar and interesting cases before the Providence, R. I., med. socs., and in 1874 delivered the annual address before the State med. soc. During the late rebellion, from May 2d, 1861, to May 4th, 1865, he served in the U. S. army in various capacities, performing during the latter year the duties attached to the position of acting ass't surg. He was married May 13th, 1863.

LINK, JOHN E., Terre Haute, Ind., born in Floyd co., Ind., educated in that county, and at Paris, Ill. (where he finished his course in 1860), studied medicine in the Rush med. coll. in 1860–61, and in the Chicago med. coll., whence he graduated in 1865, and settled in practice in Terre Haute. He read an article on "Alcohol as an Anæsthetic" before the Æsculapian soc., published in the *Cincinnati Lancet and Observer*. He is a member of the Vigo co. med. soc.; of the Æsculapian soc. of Eastern Ill.; and Am. med. asso. He holds the chair of anatomy in the coll. of phys. and surg. of Ind. In April, 1861, he entered 12th reg. Ill. vols. as a private, and served three months in the regimental hospital, and the same length of time as hospital steward in the 68th Ill. vols. In October, 1862, he was appointed ass't surg. of 21st Ill., and surgeon in September, 1863, which position he held till he was mustered out in July, 1864. Much of his time was passed at the hospital, Murfreesboro', Tenn., where he introduced his hollow cone stumps (reported at Am. med. asso. in 1875, at Louisville), and where he was appointed to special service as operating surgeon. He also held the same position at the Sherman hosp., Nashville. In November, 1862, he married Mary La Foe, formerly of Lexington, Ky.

EALY, ALBERT ELIJAH, Schellsburg, Pa., of mixed Scotch, Irish, and German ancestry, was born at Schellsburg, Jan. 5th, 1846. His literary education was obtained at Washington and Jefferson coll., Pa., and his medical education at the univ. of Pa., whence he graduated M. D. in 1870, settling in Schellsburg in a medical, surgical, and obstetrical practice. He is a member of the Bedford co. med. soc., has been twice its treasurer, vice-president, and is now its president-elect. In July, 1875, he married Effie C. Colvin, daughter of George M. Colvin, Esq., of Schellsburg, Bedford co., Pa.

DUNDOR, ADAM B., Reading, Pa., was born, May 17th, 1838, in Berks co., Pa. He is a graduate of the Franklin and Marshall coll., Lancaster, Pa., and studied medicine at the Long Island coll.

hosp., Brooklyn, Long Island, and the Jefferson med. coll., Philadelphia, graduating from the former in 1863, and from the latter in 1864. He settled in 1864 at Robesonia, Berks co., Pa., where he practised three years, and then removed to Reading. He is a member of the Berks co. med. soc.; of the med. soc. of the State of Pa.; and of the Am. med. asso. For three years he was phys. to the Berks co. almshouse, and for four years to the Berks co. prison. He married, Nov. 9th, 1864, Emma R. Kalbach, of Berks co.

FRIEDENWALD, AARON, Baltimore, Md., born in Baltimore, Dec. 20th, 1836, graduated from the univ. of Md. in March, 1860. After spending two and a half years in Europe he returned to this country, and settled in Baltimore. His specialty is diseases of the eye. He is a member of the med. and surg. soc. of Baltimore; of the Baltimore med. asso.; of the med. and chirurgical faculty of Md.; and is one of the board of examiners of the latter. He is the author of "Indications for Removing the Eye-Ball, and Difficulties Attending the Wearing of Artificial Eyes," Transactions of the med. and chirurg. faculty for 1876. He was elected prof. of diseases of the eye and ear, in the Baltimore coll. of phys. and surg., in August, 1873. In June, 1863, he married Bertha, daughter of Isaac Bamberger, Esq., of Baltimore.

GOODRICH, CALVIN GIBSON, Minneapolis, Minn., was born at Christiansberg, Va., May 11th, 1820, and is the son of John B. Goodrich, attorney-at-law, Richmond, Va., and Rebecca Pierce Goodrich, Petersburg, Va. He received his literary education at Asbury univ., Greencastle, Ind., and afterward pursued a course of medical studies at the Ohio med. coll., Cincinnati, O., graduating from that institution, March 1st, 1854. He then settled at Oxford, O., and was there engaged in the active practice of his profession from 1849 to 1868; subsequently removing to Minneapolis, Minn., where he has since resided. His treatment of cholera in 1849 was the initial influence which resulted in his after success as a medical practitioner in Oxford, O., where he remained until compelled to leave that place on account of failing health. While engaged in general practice he has made a specialty of gynæcology, operating for the removal of several large intramural fibroid tumors; for one of the most remarkable cases of this kind treated, vide, "Dr. Byford's Report before the American Medical Association," in Transactions for 1875, vol. xxvi., p. 179; also four well-marked cases of Bright's disease permanently cured. He is a member of the Am. med. asso.; the Butler co., O., med. soc.; of the Hennepin co. med. soc. from 1868 to 1877, and was president of the same for 1874–75; and is also a member of the State med. soc. of Minn., in which body he officiated for one year as vice-president. He is a trustee of Miami univ., Oxford, O.; of the Oxford female coll., O.; and of the Western female coll., Oxford, O.; a director of the Cincinnati, Oxford & Indianapolis railroad, and of the Northwestern national bank, Minneapolis, Minn. He was married, April 18th, 1848, to Mary A. Wall, of Richmond, Ind., and again, June 10th, 1875, to Mrs. Harriet Dadmun, of Worcester, Mass.

ELDERDICE, ROBERT BRECKENRIDGE, McKnightstown, Pa., of Irish descent, was born in Cecil, Md., Aug. 14th, 1846. After attending the Cassville seminary, Pa., the public school at Carlisle, Pa., the high school at Snow Hill, Md., and that at Poughkeepsie, N. Y., he took his first course of medical lectures at the univ. of Pa. in 1866–67, and his second course at the coll. of med. and surg., Cincinnati, O., graduating in the spring of 1868. He settled at first in McKnightstown, Pa., but removed in January, 1874, to Cecil, Md., returning to McKnightstown, however, in January, 1876. He is a member of the med. soc. of the State of Pa., and of the Adams co. med. soc., of which he was elected secretary at its first organization, and re-elected the following year, elected vice-president in September, 1876, and president in September, 1877. Among his literary contributions to medicine are the following papers: "Complicated Labor," *Cincinnati Medical News*, November, 1872; "Notes of Treatment," *ibid.*, July, 1873, and June, 1877; and "Case of Typhlitis, with Perforative Ulceration of Intestine," reported to the Adams soc. in January, 1877, and forwarded by that body to the State soc. During the civil war he served as a private soldier in the Federal army from 1862 to 1863.

LITTLE, WILLIAM, Raleigh, N. C., was born in that place, Jan. 31st, 1838, and is of English extraction, his ancestors having settled in North Carolina in colonial times. In the spring of 1861 he graduated M. D. from univ. of N. Y.; and in 1868 received from the univ. of N. C. his degree of A. M. From 1861 to 1865 he served as ass't surg. in the Confederate States army. In 1866 he resided for a time in Belize, Central America, and from 1867 to the present time

has been a resident of Raleigh, N. C., and actively engaged in professional labors. He was president of the Raleigh acad. of med.; and secretary and vice-president of the N. C. State med. soc. He is also phys. to the N. C. State penitentiary; and in 1865 was appointed health officer of Raleigh, N. C. Nov. 2d, 1870, he was married to Margaret Lane, now deceased.

ROBINSON, STEPHEN EDDY, West Union, Iowa, son of Thomas and Anna Jones Robinson, was born near La Porte, Ind., May 7th, 1838. His general education was obtained at Lawrence univ., Appleton, Wis., and his medical education at the Rush med. coll., Chicago, whence he graduated in 1867, settling soon after at West Union, Fayette co., in general practice. He is a member of the Am. med. asso.; of the Iowa State med. soc.; and is now, for the second time, president of the Fayette co. med. soc. During the war he was a private—the position he held on first entering—afterwards surg. of 3d Iowa infantry, ass't surg. of the 38th Iowa infantry, and was appointed "surgeon on the field" by Gen. Halleck, at Shiloh. In September, 1867, he married Sarah E. Artman, of Angelica, N. Y.

GOODWIN, RALPH SCHUYLER, of Thomaston, Conn., of New England ancestry, was born in Litchfield, Conn., July 24th, 1839. He received his preliminary education at the N. Y. State normal school, Albany, N. Y., whence, after graduation, he entered the coll. of phys. and surg., New York city, graduating from that institution in March, 1866. He subsequently entered upon the active practice of his profession at Thomaston, Conn., where, since 1867, he has permanently resided. He is a member of Litchfield co. med. soc., has held the office of county reporter to the State med. soc. for four years; is a member of the Conn. State med. soc.; and of the Am. med. asso.; is a fellow of the State med. soc., and now officiates as vice-president of that body. He has contributed various communications to the *Philadelphia Medical and Surgical Reporter*. Feb. 28th, 1867, he was married to Jennie E. Irvine, of New York city.

DESPREZ, WILLIAM, Tuscumbia, Ala., was born in Paris, France, March 2d, 1806. He was educated in Ireland, and studied medicine at the Peter-street school, Stevens hosp., the Rotunda lying-in hosp., Dublin, and at the Royal coll. of surg., London, from which latter he graduated in December, 1827. He is also a licentiate of obstetrics of the Rotunda hosp. He established himself in practice first in Carlingford in 1828, and then at Castle Claynay, in 1831, Ireland. On coming to this country he first located himself at Buzzard's Roost, Ala., 1843, and then at Tuscumbia, 1866. His specialty is gynæcology. He is a member of the med. soc. of northern Ala., was one of its organizers and its president in 1869; was elected a member of the Ala. State med. asso. in 1870, and was one of its councillors in 1873. His contributions to medical literature consist of papers read before the societies of which he is a member. In August, 1826, he married Eliza Brett, Phœnix street, Dublin; she died in August, 1832. In August, 1842, he married Mrs. Susan Henderson, daughter of Francis Gifford, Esq., of Dundalk, Ireland. His two sons, William Desprez and Louis Desprez, are both graduates of the Mobile med. school.

GOODYEAR, ROBERT BEARDSLEY, North Haven, Conn., was born in North Haven, New Haven co., Conn., Nov. 6th, 1836. He received his preliminary education in the common schools of his native place, and also at Wallingford, Conn., subsequently entering Yale med. coll., whence he graduated in January, 1868. For several years he was engaged in teaching in the common schools; was resident phys. for one year of the State hosp., New Haven, Conn.; for one year as resident phys. of the State hosp., Hartford, Conn.; and for a period of six months acted in the capacity of ass't phys. of the retreat for the insane. He entered upon the private practice of his profession at North Haven, Conn., where he now resides. He is a member of the New Haven co. med. soc., and of the State med. soc.; and has served as a member of the town board of education, and as acting school visitor. During the late war he served as serg't of the 27th reg. Conn. vols., and was present at the battles of Fredericksburg, Va., Dec. 13th, 1862, and Chancellorsville, Va., 1863. He was married to Jane Lyman, of Hartford, Conn., May 19th, 1869.

LONG, CRAWFORD W., Athens, Ga., was born in Danielsville, Madison co., Ga., Nov. 1st, 1815. His father, James Long, was for a period of twenty years postmaster, and clerk of superior court, Madison co., representative in the Georgia legislature, and senator of the S. district for two terms—composed of the counties of Oglethorpe, Elbert, and Madison. His grandfathers served in the revolutionary war. His literary education was acquired in the academy of his

native place, and he also pursued a course of studies at Franklin coll., Ga., and in the med. dep't of the univ. of Pa. He graduated from Franklin coll., Philadelphia, in 1835; and in 1839 from the medical dep't of the univ. of Pa. His first place of settlement was at Jefferson, Jackson co., Ga., where he remained until 1851, the date of his removal to Athens, Ga., now his place of residence and the scene of his professional labors. March 30th, 1842, he claims to have performed the first surgical operation with patient in state of anæsthesia from the inhalation of ether. He is a member of the med. asso. of the State of Ga., and of the Clark co. med. soc., of which he has been vice-pres. and pres. His contributions to medical literature consist principally of papers on the discovery of the anæsthetic powers of ether, and its first application in surgical operations. He was married in Aug., 1842, to Mary C. Swain.

SMITH, NICHOLAS UDOLPH, Osage Mills, Ark., was born in Bledsoe co., Tenn., Oct. 27th, 1838. He was educated at Ozark institute, Washington co., Ark., and studied medicine at the univs. of New York and Nashville, and graduated in March, 1858. His place of first settlement was Fort Smith, Ark., then at Osage Mills; afterwards he removed to Nashville, Tenn., and finally returned to Osage Mills. His specialty is gynæcology. He is a member of the Benton co., Ark., med. soc., and of the Nashville med. soc., and was vice-president of the former in 1875. He has contributed a number of articles to medical journals. During the war of the rebellion he was brigade surg. to the 1st division Ark. vols. He married in Dec., 1857.

HUNT, JOHN WESLEY, Jersey City, N. J., was born Oct. 10th, 1834, in the town of Groveland, Livingston co., N. Y. He is of English descent, his great-grandfather's father having emigrated from England to one of the New England colonies at an early day. His great-grandfather, William Hunt, was born in Rhode Island, married and removed to New Jersey, where his grandfather, John Hunt, was born, who in turn married and removed to Pennsylvania, where Elijah Hunt, his father, was born. He was educated at the district school and the Genesee Wesleyan seminary, Lima, N. Y., and graduated from the univ. med. coll., New York city, in March, 1859. In April following he was appointed a member of the house staff to Bellevue hosp., New York city, and satisfactorily performed the duties of junior ass't, senior ass't, and house surg., in turn, completing his term of service Oct. 1st, 1860, when he immediately commenced practice in Jersey City. In May, 1861, he was commissioned surg. of the 10th reg. N. Y. State vols., and accompanied the reg. to Fortress Monroe, Va., early in June, where he remained with that command until May, 1862. He was then commissioned brigade surg. U. S. vols., and ordered to take charge of the Mill Creek general hosp., near Fortress Monroe. While regimental surg. his success in the treatment of what was afterwards known as "Chickahominy fever" was somewhat remarkable—a mortality of two, out of over two hundred cases treated. While surg. in charge of the Mill Creek general hosp., during the summer months of 1862, he demonstrated the feasibility of perfectly ventilating a large building crowded with wounded men. In the main building, which was exclusively devoted to surgical cases, with two hundred and fifty patients, nearly all with injuries of sufficient gravity to confine them to bed, and most of them with suppurating wounds, the atmosphere was so free from taint that it was common for visitors to immediately remark it, and ask if there were no *bad* cases in the hospital. To this perfect ventilation he attributed, to a great extent, the slight mortality, and the rapid convalescence of the men sent to his hospital. About the last of August, 1862, he was attacked with fever, and was sent north, where he was confined to his bed for three months, and believing that he would be unfit for active duty for a long time he retired from the service. In March, 1863, he visited New Orleans as surg. of a government transport, and returned much improved in health and strength. In May, the same year, he resumed practice in Jersey City. In 1864 he was appointed examining surg. of recruits drafted into the service. He is an active member of the district med. soc. for the county of Hudson, of which he was secretary in 1863, vice-president in 1864, president in 1865, and treasurer in 1867. He has delivered addresses and read essays before the society, and has generally contributed to the Transactions of the N. J. State med. soc. He was one of the organizers of the Jersey City charity hosp., in 1869, and the first president of its medical board. He is one of the attending surgs. of that institution, and also attending surg. to the Hudson co. church hosp. He was married, Oct. 10th, 1866, to N. Adeline Reynolds, daughter of H. S. Reynolds, Esq., of Springfield, Mass.

ISOM, THOMAS DUDLEY, Oxford, Miss., was born in Maury co., Tenn., April 5th, 1816. His early education was at country schools. He studied medicine at Transylvania univ. and Jefferson med. coll.,

graduating M. D. from the latter in 1839. In 1840 he settled at Oxford. He was one of the earliest practitioners in the section in which he settled to leave off venesection and other depletants in the treatment of febrile diseases of malarious and malignant type with which the country thereabout was scourged, and to successfully adopt the practice of administering large doses of quinine without regard to the preparatory treatment to rid the system of irritation. He was incited to the change by the non-success of the old method, and adopted it while at the Louisville med. school, which he attended in 1841 for the purpose of still further prosecuting his studies. In 1876 he was elected president of the Lafayette co. med. soc., and a member of the Am. med. asso. He was surg. of the 17th Miss. reg. at the beginning of the civil war; opened the Mississippi hosp. at Warrington, Va., in 1861; returned to Mississippi in the winter; in 1862 re-entered active service, and had charge of several hospitals; in 1863 he was placed on the army examining board. He was a member of the State convention in 1860. In 1847 he married S. R. McGehee, of Abbeville, S. C.

MORSE, FREDERIC D., Lawrence, Kansas, of English parentage, was born in Medway, Mass., Dec. 25th, 1838. After receiving his literary education, at Monson acad. and Amherst coll., he pursued the study of medicine at Rush med. coll., Chicago, Ill., whence he graduated M. D. in Jan., 1867, and established himself in general practice in Chicago. In 1868 he removed to Lawrence. He was formerly a member of the Chicago med. soc., and is now a member of the Douglas co. med. soc. and Kansas State med. soc.; of the latter he is now secretary.

PHELPS, EDWARD ELISHA, Windsor, Vt., son of Dr. Elisha Phelps, of Haddam, Conn., and of Susanna (Eastman) Phelps, was born in Peacham, Caledonia co., Vt., April 24th, 1803. He was educated at Yale coll., and Partridge's military school, Norwich, Vt. He studied medicine at the Burlington, Vt., med. school, and at Yale med. coll., graduating from the latter in March, 1824. He subsequently visited Edinburgh, Paris, Vienna, etc. On his return he located himself in New York city, then removed to Danbury, Conn., next to Monticello, Sullivan co., N. Y., and finally to Windsor, in 1830. He is a member of the N. H. and Vt. State med. socs., and of the natural history soc. of Boston, Northern acad. of sciences, and honorary member of various other societies in New England. He was formerly prof. of materia medica and therapeutics, and subsequently of pathology and therapeutics, in Dartmouth coll. He is now emeritus prof. of general pathology in that institution, and was prof. of that branch in the univ. of Vt. He entered the army of the Union as brigade surg. U. S. vols. in the Peninsula campaign of the war of the rebellion; subsequently erected and was placed in charge of the U. S. general hosp. at Brattleboro', Vt.; was post medical director at Louisville, Ky., and surg.-general of the State of Vermont. He retired from the army at the close of the war, with the rank of lieutenant-colonel. He erected and took charge of completing the Stoughton museum of pathological anatomy, founded by Hon. E. W. Stoughton, of New York. In 1829 he married Phebe F., daughter of Josiah Lyon, Esq., of Boston, Mass.

WARD, LESLIE DODD, Newark, N. J., was born in Madison, N. J., July 1st, 1845. He was prepared for college at Newark acad., but prevented from entering by the war. After the close of the war he studied medicine at the coll. of phys. and surg., New York, and graduating in 1868 settled in Newark. He is a member of the Essex co. med. soc. and Essex med. union. He has been visiting surg. of St. Barnabas hosp. for the past seven years. Was elected in 1876 to the office of county phys. of Essex co., and is medical director of the Prudential insurance company of America. In March, 1874, he married Minnie, daughter of James Perry, Esq.

REYNOLDS, JAMES WILLIAM BRYSON, Vacaville, Cal., of mixed Irish and American parentage, was born at Harper's Ferry, Va., Dec. 6th, 1817. His father removed to Missouri, where he was educated; and he afterwards studied medicine with Dr. John Jones, of Warren co., and Dr. Elijah McLean, of Washington, Franklin co., Mo. He practised medicine from 1838 to 1853, and then graduated from the med. dep't of the St. Louis univ. He remained three years more in Franklin co., and then emigrated to California, and located himself in San José. In 1859 he removed to Santa Rosa for the benefit of his wife's health; then after her death removed to Napa co.; then to St. Helena, and then to Vacaville. Six years later he removed to San Francisco, three years later to Sacramento, and then back to Vacaville. He has devoted himself mostly to midwifery and diseases of women. He is a member of the Sacramento soc. for medical improvement, corresponding secretary of the Pacific med. soc., Vallejo, and has been a member of the Cal. State med. soc., and of the Am. med.

asso. Among his contributions to medical literature are: "Operation for Arresting Hemorrhage of Sub-Maxillary Artery by Compression," *St. Louis Medical Journal*, 1853; "Abdominal Section, and Removal of Cancerous Tumors," *Pacific Medical and Surgical Journal*, March, 1872; "Blisters in Erysipelas," *ibid.*, Nov., 1870; "Mercurials in Disease," *ibid.*, July, 1873; "Dropsy of the Amnios, Operation, Recovery," *ibid.*, Nov., 1872; "Case of Complicated Labor," *ibid.*, May, 1874; "Operation for Strangulated Hernia," *ibid.*, 1860; "Hydrate of Chloral," *ibid.*, 1871. He was married in 1841 to E. E. Rule, in Washington, Mo.; she died in 1859. In July, 1874, he married Mrs. Drew.

WARFORD, FRANKLIN M., Cicero, Ind., born in Putnam co., Ind., Feb. 28th, 1832, was educated in the med. dep't of Iowa State univ., and graduated in February, 1856. He first commenced practice at Hopewell, Clark co., Iowa, then removed to Oceola, then to Thorntown, Ind., and finally to Cicero, Hamilton co., Ind. He is a member of the Hamilton co., Ind., med. soc., was elected its president in 1876, and again in 1877. For over two years of the war he was ass't surg. of the 3d Iowa vol. cavalry, and over a year surg. of the 4th Ark. vol. cavalry. In April, 1857, he married, in Putnam co., Ind.

KIEFFER, STEPHEN BARNETT, Carlisle, Pa., was born in Franklin co., Pa., Sept. 6th, 1834. His early education was such as is afforded in country schools, and he worked on a farm until his eighteenth year. He then entered the grammar school at Mercersburg, Pa., and after two years Franklin and Marshall coll. at Lancaster (formerly Marshall coll., then located at Mercersburg), and graduated in 1848. Two years later he received the degree of A. M. He studied medicine in the office of Dr. R. Parker Little, and also in the univ. of Pa., whence he graduated in the spring of 1851. He settled in Carlisle, in general practice, but surgery and diseases peculiar to females claim his special attention. Among the incidents of his professional career was the removal of a fibro-cartilaginous tumor, weighing two pounds and five ounces from the popliteal space, largely exposing the knee-joint, with a thorough recovery and without lameness. During the operation, which lasted three hours, the patient, who was under the influence of chloroform and ether, apparently died, but by the active and persevering efforts of his assistants, who resorted to Hall's ready method—suspension by the heels, etc.—the patient was resuscitated, thirty minutes after the heart's action had ceased. He is a member, and was one of the founders, of the Cumberland co. med. soc., and which he has served in every capacity; of the Pa. State med. soc., in which he was president in 1873, and before which he was appointed to deliver the annual address in obstetrics in 1877; and of the Am. med. asso.; and was a member of the International medical congress held in Philadelphia in 1876. He is the author of an article on "The Action of Bromide of Potassium in Membranous Croup," *Philadelphia Medical Times*, 1871, and has besides contributed other articles to that journal and to the general press. In 1851 he married Kate E., daughter of George Keller, Esq., of Carlisle, Pa.

STANFIELD, CALVIN ALPHEUS, Toledo, Ark., was born in Halifax co., Va., Feb. 7th, 1818. His literary education was received at Union acad., Haywood co., and his medical at the Louisville med. institute. He obtained his diploma from the Louisville med. soc. In the spring of 1841 he commenced practice at Colliersville, Tenn., and settled in Bradley co., Ark., in 1844. He attended lectures at the Memphis med. coll. in 1846–47, and obtained also a diploma from this institution. He is a member of the Pine Bluff and Ark. State med. socs., and has been since the dates of their organization. In 1847 he married M. C., daughter of Moore F. Hove, Esq., of Stafford co., Va.

JOHNSTON, WIRT, Jackson, Miss., was born at Raymond, Miss., Aug. 31st, 1846. After graduating at the Jefferson med. coll., Philadelphia, Pa., in 1868, he returned to Jackson, Miss., but in 1869 moved to Tchula, Holmes co., Miss., where he remained until 1873, the date of his return to the former place, where he has since permanently resided. In 1876 he was elected recording secretary of the Miss. State med. asso., and was re-elected to fill that position in 1877; in the course of this year, also, he was elected secretary of the Miss. State board of health. He has presided as physician to the Miss. penitentiary, and has served as a member of the board of trustees of the Miss. State lunatic asylum.

LAWLOR, WILLIAM M., East Oakland, Cal., was born at Albany, N. Y., Nov. 18th, 1845. His literary and medical education was acquired at Albany acad., St. John's coll., Fordham, N. Y., and Albany med. coll.; date of graduation, Dec. 24th, 1867. His first place of settlement was in New York city, whence, after attending a term of lectures at Bellevue, he removed, in 1868, to San Francisco, Cal. July 15th, 1876,

he left San Francisco to reside in East Oakland, Cal., where he has since remained, actively engaged in professional labors. He is a member of the Alameda co. med. asso., and censor of the med. asso. of Cal. For a term of five years he officiated as resident phys. of the city and county hosp. of San Francisco, Cal.; for three years also he was surg. to the Pacific mail steamship company, between San Francisco, Panama, and China.

SALISBURY, AUGUSTUS HARRIS, Minneapolis, Minn., son of Amasa Salisbury and Sarah Salisbury, was born in Canandaigua, N. Y., July 22d, 1840. He graduated from the univ. of Wis. in 1864, receiving his degree of A. M. from that institution in 1867. In this year he also graduated M. D. from the Bellevue hosp. med. coll. He commenced practice in Mazamaris, Wis., removing to Minneapolis in 1874. While having no specialty he has a preference for ophthalmic surgery. He is a member of the Wis. State and Minn. State med. socs.; and of the Hennepin co. med. soc.; of the latter he has been secretary during the last three years. He has only contributed a few articles to medical journals. He is med. director of the Masonic mutual aid asso. of Minn. In 1868 he married Mary Pritchard, of Mazamaris, Wis.

FLINT, AUSTIN, JR., New York city, was born at Northampton, Mass., March 28th, 1836, and his parents removed to Buffalo, N. Y., in the same year. He was educated at private schools in that city, and, when fifteen, he spent a year in the acad. of Leicester, Mass. He prepared for college at Buffalo, and entered Harvard univ. as freshman in 1852. He left the university in 1853, and spent a year in the study of civil engineering. He began the study of medicine in the spring of 1854 at Buffalo, and attended two courses of lectures at the med. dep't of the univ. of Louisville (1854–55 and 1855–56). His taste for physiology was early developed, and he made some experiments on living animals for Prof. Yandell, of the Louisville school, while he was a student there. His final course of lectures was taken at Jefferson med. coll., Philadelphia, in 1856–57, and at the close of the course he graduated. His inaugural thesis on the "Phenomena of the Capillary Circulation" was honored with the recommendation to be published, and appeared in the *American Journal of Medical Sciences* in July, 1857. It was based upon numerous original experiments. He was editor for three years (1857–60) of the *Buffalo Medical Journal*, which was founded by his father in 1846, and ultimately transferred to New York and merged in the *American Medical Monthly*. In 1858 he was appointed one of the attending surgeons of the Buffalo city hosp. The same year he became prof. of physiology in the med. school of Buffalo. In 1859 he removed with his father, and was appointed prof. of physiology in the New York med. coll., delivering a course of lectures in 1859–60. In 1860 he received the appointment of prof. of physiology in the New Orleans school of med., delivered a course of instructions in 1860–61, and resigned the position at the breaking out of the war. While in New Orleans he experimented on alligators, and developed some important points with reference to the influence of the pneumogastric nerves upon the heart. He also made some experiments there upon the recurrent sensibility of the anterior roots of the spinal nerves. He was the first physiologist in this country to operate upon the spinal cord and the spinal nerves in living animals. In the spring of 1861 he went to Europe, and studied several months with Charles Robin and Claude Bernard, with the former of whom he had close friendly and scientific relations, and maintained a frequent correspondence. Prof. Robin presented his memoir, "Sur une Nouvelle Fonction au Foie" ("On a New Function of the Liver"), to the French acad. of sciences, for the Monthyon prize, without the knowledge of the author. In 1863 Dr. Flint made some important experiments upon the blood, employing a new mode of analysis for its nitrogenized constituents. He was one of the founders of the Bellevue hosp. med. coll., in 1861, and has been from the first, as he still is, prof. of physiology, and secretary and treasurer of the faculty. He was also for eight years professor and lecturer on physiology in the Long Island coll. hosp. of Brooklyn. In 1862 he made some remarkable observations on the excretory function of the liver, published in the *American Journal of the Medical Sciences*, in Oct., 1863; translated into French, and presented by Robin to the French acad. of sciences for the *Concours Monthyon*, and which received honorable mention and a recompense to the author of fifteen hundred francs in 1869. The important discovery put forth in this memoir was the production of cholesterine in the physiological wear of the brain and nervous tissue, the elimination of cholesterine by the liver, and its discharge in the form of stercorine in the fæces. It was established that the new substance (stercorine) results from the transformation of cholesterine in the fæces. The diseased condition caused by the retention of cholesterine in the blood (chol-

esteræmia) is now recognized as a very important pathological fact. Dr. Flint's laborious researches and interesting conclusions upon this subject have been lately confirmed in Germany by experiments in which cholesteræmia has been produced in animals by injection of cholesterine into the blood. In 1867, at the request of the commissioners of public charities and correction of New York city, Dr. Flint reorganized the dietary system for the institutions under their charge, including Bellevue hosp., Charity hosp., poorhouse, workhouse, penitentiary, etc., etc., making diet-tables for more than 10,000 persons. In 1871 he made observations upon Weston, the pedestrian, analyzing his food and secretions for fifteen days before, during, and after one of his great walking exploits. These inquiries help to decide some important physiological questions. In 1869 he published an elaborate review of the history of the discovery of the motor and sensory properties of the roots of the spinal nerves, in which the discovery was ascribed to Magendie instead of to Sir Charles Bell, who has generally been regarded as its author. This review, originally published in the *Journal of Psychological Medicine*, New York, in 1868, was translated into French, and published in Robin's *Journal de l'Anatomie*. It produced such an impression that it was soon followed by the publication, in the English *Journal of Anatomy*, of the original paper of Charles Bell, "Idea of a New Anatomy of the Brain," which was privately printed (not published) in 1811. The original manuscript was furnished to the *Journal of Anatomy* by the widow of Sir Charles Bell. It was upon this paper that the claims of Charles Bell to the discovery were based; and, before its publication in the *Journal of Anatomy*, it had been entirely inaccessible. Claude Bernard has been the eminent advocate of the theory that the liver is a sugar-producing organ; but observations upon this subject were discordant, and eminent physiologists contested Bernard's position. In 1869 Dr. Flint published, in the *New York Medical Journal*, a series of experiments upon the "Glycogenic Function of the Liver," in which he endeavored to harmonize the various conflicting observations, and is considered by most physiologists to have settled the question. In 1866 he announced the publication of the "Physiology of Man," a work in five volumes, of 500 pages each, and the last volume was issued in 1874. He printed a little work in 1870 on "Chemical Examinations of Urine in Disease," which went through several editions. He contributed the articles on "Gymnastics and Pugilism," to the "American Cyclopædia," and has recently published a voluminous "Text-book of Human Physiology." He has also written much for scientific periodicals and popular journals, and has been actively engaged in his duties as a physiological teacher. In 1875 he was appointed surgeon-general of the State of New York by Governor Tilden, and was reappointed in 1877 by Governor Lucius Robinson. He is the med. examiner, for the city of New York, of the Conn. Mutual life insurance company, and has been since 1871. He is a member of the New York acad. of med.; the med. soc. of the State of New York; and correspondent of the acad. of natural science of Philadelphia. On Dec. 23d, 1872, he was married to Elizabeth R. McMaster, of Ballston, N. Y.

GREGORY, ELISHA H., St. Louis, Mo., son of Charles Gregory and Sophia P. Gregory, was born near Russellville, Ky., Sept. 10th, 1824. He was educated at Hopkinsville, Ky., where his father and mother had charge of a seminary; studied medicine with Dr. F. W. G. Thomas, and in the med. dep't of the St. Louis univ., and graduated in March, 1849. He first commenced practice at John Jimison's, Morgan co., Mo., and afterwards at Palestine, Cooper co. Later he became a partner of Dr. G. C. McCoy, at Versailles, Morgan co. He is a member of the Am. med. asso.; and of the St. Louis med. soc.; and was elected president of the latter in 1863. He is the author of a number of papers on medical subjects published in the *St. Louis Medical and Surgical Journal*. He was teacher of practical anatomy from 1852 to 1867 in the St. Louis med. coll.; in the latter year was elected to its chair of surgery. In April, 1845, he married Jael K., daughter of Russell Smallwood, Esq., of Cooper co., Mo.

HARWOOD, EDWARD COKE, New York city, son of Asahel Harwood and Barbara Parmlee, was born at Bennington, Vt., Nov. 16th, 1838. He was educated at the Union acad., Bennington, Vt., the Warnerville (N. Y.) Union seminary, and the Washington (N. Y.) collegiate institute; and graduated from the New York ophthalmic hosp. in 1867, and from the Bellevue hosp. med. coll. in 1868. He settled at first in New York city, where he still resides. He is a member of the New York co. med. soc., of which he was for two years one of the committee on meteorology; of the order of Æsculapius, of which he was president for three years, beginning with 1866; of the Am. med. asso., which he represented at the

International medical congress in Brussels in 1875, when he was made honorary president; of the New York medico-legal soc., of which he was trustee in 1875, and from which he was a delegate to the medico-legal soc. of Paris in that year; of the New York neurological soc., of which he was elected councillor and treasurer in April, 1877; of the Northwestern medical and surgical soc. in New York city, of which he was secretary and treasurer for two years, and a visiting committee-man for one term; of the Bellevue hosp. med. coll. alumni asso., of whose council he is a life-member; of the New York physicians' mutual aid asso.; and of the New York acad. of med. He has written on a variety of medical subjects, including "Degenerative Glaucoma," "Infantile Narcosis," and "Clinical Facts Connected with Inflammation of the Mastoid Cells." He was police surg. to the twenty-second and thirty-first precincts of New York city in 1873.

JACOBS, WILLIAM CLOYD, Akron, O., was born at Lima, O., Feb. 26th, 1840, and is of German and Scotch-Irish extraction. He received his preliminary education at the high school of his native place, afterward entering the naval acad. at Annapolis, Md.; subsequently he entered upon a course of medical studies at the med. coll. of Ohio, Cincinnati, and graduated from that institution March 3d, 1862; for two years also he was the private student of Prof. George C. Blackman. Upon the conclusion of his studies he entered upon the active practice of his profession at Akron, O., where he now resides. He is a member of the Am. med. asso., and of the Ohio State med. soc.; is treasurer of the North East, O., med. asso., elected May, 1877; and also president of the Summit co., O., med. soc., elected June, 1877. Dec. 23d, 1862, he was appointed surg. of the 81st reg. Ohio vol. infantry, and served in that capacity until the end of the war; for seven months, also, he served as ass't surg. of the 4th Ohio vol. cavalry, but was never mustered into the regiment. He was married, Sept. 10th, 1863, to Hulda M. Hill.

KLEINSCHMIDT, CARL H. A., of Washington, D. C., was born at Petershagen, Westphalia, Prussia, Oct. 12th, 1839, and emigrated to the United States, Nov. 16th, 1857. He received his literary and medical education at the Royal coll., Minden, Westphalia, Prussia, and in the med. dep't of the univ. of Georgetown, and the hospitals of Berlin. March 3d, 1862, he graduated from the univ. of Georgetown, and subsequently attached himself as ass't surg. to the Prov. army, Confederate States army. He afterward entered upon the practice of his profession, 1865, at Georgetown, D. C. He is a member of the med. soc. and med. asso. of Washington, D. C.; of the Am. med. asso.; of the board of censors of the med. asso., D. C.; of the comm. of pub., med. soc., D. C.; and prof. of physiology in the med. dep't of the univ. of Georgetown. He is also secretary of the med. soc., D. C., elected Oct. 4th, 1871, and re-elected annually to the present time. From 1863 to 1865, the date of the surrender at Appomattox, he served in the Confederate States army as ass't surg. He was married June 10th, 1869.

STRAWBRIDGE, JAMES DALE, Danville, Pa., of Scotch-Irish descent, was born, April 7th, 1824, in Liberty township, Montour co. (then named Columbia), Pa. He is a grandson of Col. Thos. Strawbridge, who was a member of the first Pennsylvania constitutional convention in 1776. He was prepared for college at the Danville (Pa.) acad.; graduated from Princeton coll. in June, 1844, and, having read medicine with Dr. McGill, of Danville, and Dr. William Pepper, of Philadelphia, pursued his professional studies in the med. dep't of the univ. of Pa., graduating in 1847, and immediately after settling in Danville. He is a member of the State med. soc. of Pa., of which he was elected vice-president in June, 1877. In 1860 he was nominated for the legislature, but was defeated. In 1872 he was elected to represent the thirteenth Pennsylvania district in the Congress of the United States. In the civil war he entered the army as brigade-surgeon, serving as med. director in the army of the Southwest, the army of the Mississippi, and the eighteenth army corps; as director of general hospitals in the department of Tennessee; as med. examiner in the office of the provost-marshal, at Harrisburg and Philadelphia; and as a member of the board of med. examiners in Philadelphia; and in the course of his service being captured in front of Richmond, and lying for three months in the Libby prison. He married, July 1st, 1851, Emily F. Agnew, daughter of the late William Agnew, of Philadelphia. She died, and on Oct. 10th, 1872, he married Ellen V. Butler, daughter of Steuben Butler, of Wilkesbarre.

WINCHELL, ELLVERD E., New Haven, Conn., born at Egremont, Berkshire co., Mass., June 21st, 1831, was educated at the Wesleyan univ., Middletown, Conn.; studied medicine at the coll. of phys. and surg., New York; graduated in 1865;

and settled in New Haven in a varied and extensive practice. He is a member of the Conn. State med. soc., and of the New Haven co. med. soc., and has been president of the latter for two years past.

FOULKE, JOSEPH, Buckingham, Pa., was born, Jan. 27th, 1827, in Gwynedd township, Montgomery co., Pa. He is the son of Joseph and Elizabeth Foulke, his ancestor, Edward Foulke, having emigrated from Wales to this country in 1698. He was educated at the Gwynedd boarding-school, and the Alexandria boarding-school, and graduated from the med. dep't of the univ. of Pa., April 1st, 1854, commencing practice, May 1st, 1854, at Philadelphia, where he remained until the spring of 1857, when he visited Europe, attending some of the medical schools and hospitals of Paris and London, and resuming his practice, in October, 1859, at Buckingham, Pa. In a full average obstetric practice of nearly a quarter of a century he has never lost a case (the mother) in confinement. His first case happened to be one of puerperal eclampsia, in which he bled freely, with a favorable result, a treatment which he has since pursued in similar cases with similar success. He is a member of the Bucks co. med. soc., of which he has been recording secretary since 1864, and president of the Buckingham and Hughesian library company, and also treasurer and director of the trustees and directors of the Hughesian free school. He married, in 1858, Caroline Chambers, of Philadelphia, and has six children. He was principal of Gwynedd boarding-school from 1848 to 1852, and has performed the astronomical calculations for "Friends' Almanac" from 1847 to the present time. His father commenced this work in 1832, so it has been an annual visitor for nearly half a century.

MOUSER, SILAS MERCER, San Francisco, Cal., was born in Shenandoah co., Vt., May 7th, 1823, and is of German extraction, his grandparents having emigrated from Germany to this country at an early date. He was educated primarily at the public schools of Virginia and Ohio; in 1847 graduated at Willoughby med. coll., Lake co., O.; in 1848 at Starling med. coll., Columbus, O. His first place of settlement was at Mt. Gilead, O., where he entered upon the practice of his profession; in 1850 he settled in Sacramento, Cal., remaining there until 1862, the date of his removal to San Francisco, Cal., where he has since resided. Although a general practitioner, he has devoted much time to obstetrics and diseases of women and children. He was a member of the first county med. soc., organized in Sacramento, Cal., 1856; a member of the first Cal. State med. soc., organized March 12th, 1856; united himself with the San Francisco co. med. soc. in 1873, and withdrew in 1875; and joined the San Francisco microscop. soc. in 1873, of which latter body he is still a member. For the last fourteen years he has been phys. to the Ladies' protection and relief soc. of San Francisco, Cal., a charity supported by voluntary contribution, and the guardian of about two hundred children. He has been married twice, and has a son, who graduated at Bellevue hosp. med. coll. in 1875, now practising in conjunction with him.

JENNINGS, ELLIS, Dayton, O., son of Alexander and Ruth Jennings, was born, Dec. 29th, 1833, in Wilmington, O. He was educated at the Troy (O.) high school, and Antioch coll., Yellow Springs, O., and graduated from the med. coll. of Ohio, Cincinnati, O., in March, 1862. On his retirement from the army, at the close of the civil war, he settled at Dayton, O., in September, 1865. He is a member of the Montgomery co. med. soc., of which he has held all the offices except the presidency; and of the Ohio State med. soc., of which he was ass't secretary in 1875. He entered the U. S. army in August, 1862, as acting ass't surg. of the 5th Iowa infantry, serving at the battle of Corinth, Oct. 4th, 1862; at hospital No. 2, Nashville, Tenn., from December, 1862, to March, 1865; and at Camp Dennison, O., as post surgeon from March to June, 1864, the close of the war.

GIBSON, JEREMIAH GLENN, Eatonton, Ga., son of Stephen Gibson, was born in Fairfield District, S. C., Jan. 29th, 1820. He was educated at Rock Spring acad., and Furman institute, Fairfield, studied medicine at Transylvania univ., Lexington, Ky., and graduated in March, 1841. He settled in Richland district, in the fork of the Congaree and Wateree rivers. In 1845 he attended a course of lectures at the univ. of Pa., and studied diseases of the chest under Dr. Wm. Gerhard. On his return he settled in Houston co., Ga., and afterwards at Eatonton. His specialty is medicine, though he has practised surgery. He was a member of the Houston co. med. soc., of which he was one of the organizers, and of the Ga. State med. asso. His contributions only extend to a few reported cases. During the war he was surgeon of several hospitals, as well as of the stockade of Northern prisoners at Macon, Ga., at the time of the surrender of Lee. In December, 1846, he married Martha

Killingsworth, who died in June, 1870. In 1871 he married Alice Black, who died five months after marriage. Both were of Abbeville co., S. C.

ALLEN, HULL, Milford, Conn., was born in West Port, Conn., May 16th, 1798, and was educated at the New York univ., N. Y., whence he was graduated in 1821. He subsequently entered upon the active practice of his profession at Sparta, N. J., and from there, after a residence of a few months, removed to Milford, Conn., where he has been actively engaged in professional labors from 1821 down to the present time. He is a member of the New Haven, Conn., med. soc. During his career as a physician, extending over a period of more than fifty-seven years, he has treated almost every variety of disease, and has operated with marked success for many peculiar and notable cases.

KEARNEY, THOMAS H., Cincinnati, O., was born at Clonmel, Ireland, Nov. 23d, 1832, and received his preliminary education in his native country. After his arrival in the United States he entered the med. coll. of Ohio, and there received his professional training, graduating from that institution in March, 1858. Since that date he has lived chiefly in Cincinnati, where, with the exception of a period passed in the service of the U. S. army as surgeon, he has permanently resided. Two of his more notable cases were an amputation at hip-joint, and the removal of uterus by abdominal section. He is a member of Cincinnati med. soc.; was ass't med. sup't of Longview insane asylum; surg. to the Good Samaritan and Cincinnati hosps.; and phys. to St. Luke's hosp. At the present time he is health officer of Cincinnati; surgeon to Cincinnati, Hamilton & Dayton railroad company; and since 1872 prof. of principles of surgery in Miami med. coll. During the war of the rebellion he was surg. to the 45th reg. Ohio infantry vols., through its term of service, from July, 1862, to June, 1865. He was married, Sept. 15th, 1873, to Lavinia Miner.

DAGGETT, DAVID L., New Haven, Conn., was born in that place, June 24th, 1820; also the birth-place of his parents. After securing a preliminary and literary education he entered upon a course of studies at Yale coll., and prepared himself for professional life in the Yale med. institute, graduating from the former institution in 1839, and from the latter in 1843. Upon securing his degree of M. D. he entered upon the active practice of medicine in New Haven, Conn., where he has since permanently resided, constantly engaged in professional labors. In the course of a long and varied experience he has attended, with marked success, to many notable cases.

OWEN, ABRAHAM MICONIANS, Evansville, Ind., was born at Madisonville, Hopkins co., Ky., March 19th, 1849. His father also was a physician. His preliminary education was acquired at Notre Dame school, Ind.; he was also a student in the univ. of Va., and acquired his professional training in Bellevue hosp. med. coll., New York, date of graduation 1869. He then settled in Evansville, Ind., where he has since remained engaged in the practice of his profession. In 1871 he established the present free dispensary of Evansville, Ind.; in 1874 became prof. of diseases of eye and ear, and has since been appointed prof. of general and operative surgery in the med. coll. of Evansville. He is a member of the Evansville med. soc.; the Vanderburg co. med. soc., president of the former, and vice-president of the latter. Oct. 20th, 1865, he was married to Laura Jerauld, Princeton, Ind.

GORDON, CHARLES OSCAR, Bricksburg, N. J., of Scotch-Irish parentage, was born at Solon, Me., April 1st, 1841. His literary education was acquired by his own unassisted exertions. His medical studies were pursued at the schools of Bowdoin, Dartmouth, and Bellevue, his date of graduation being 1867. He subsequently settled at Lyme, N. H., where he remained engaged in the practice of his profession until 1872, when he removed to Bricksburg, N. J., where he now resides. He is a member of the district med. soc. of Ocean co., N. J., and has acted as secretary of that body since its organization in 1874. From 1861 to 1875 he was actively engaged as a participant in the war of the rebellion, and was promoted from a first sergeantcy of cavalry to a first lieutenancy; and from June 24th, 1864, to March 1st, 1865, remained a prisoner of war in the hands of the Confederates. He was married in 1865.

DOE, ORLANDO WITHERSPOON, Boston, Mass., born at South Newbury, Vt., Sept. 29th, 1843, graduated from the Boston Latin school in 1861, from Harvard coll. in 1865, and from Harvard med. school in 1869, and settled in Boston. He is a member of the Mass. med. soc.; of the Suffolk district med. soc.; and of the Boston

society for medical observation; of the latter he is at present secretary. He is visiting phys. of Boston city hosp., of St. Luke's home, and of the Boston dispensary.

BRICKETT, GEORGE E., Augusta, Me., was born at White River Junction, Vt. He was educated at Limerick acad., Me., and prepared himself for a professional career at the Hanover, N. H., med. school, graduating Nov. 18th, 1846. His first place of settlement was at New Gloucester, Me., where he resided in 1847–48–49; from 1849 to 1861 he pursued the practice of his profession in China, Me.; and from the close of the civil war to the present time has been a resident of Augusta, Me. He is a member of the Me. med. soc.; and during the war of the rebellion served in the U. S. army as ass't surg. 3d Me. vols., acting surg. 5th Me. vols., surg. of 21st Me. vols., and surg.-in-chief of U. S. general hosp., Augusta, Me., from 1863 to 1865. One of his more notable cases was removal of inverted uterus, described in *Boston Gynæcological Journal*. He has published a "History of Ovariotomy in Maine." From 1848 to 1849 he was representative to the Me. legislature from Augusta, Me. In 1847 he was married to Rizpah Eveleth, of New Gloucester, Me., who died in 1850. He was again married, in 1852, to Melinda C. Freeman.

GOLDSMITH, WILLIAM THOMAS, Atlanta, Ga., was born in Greenville co., S. C. His paternal grandparents came to this country from England at a period antecedent to the revolutionary war, and settled in Virginia; his maternal grandparents also came from England, and made Maryland and Virginia their homes. His maternal grandfather was Lord Wickliffe, who emigrated to Maryland in company with Lord Baltimore; on the paternal side the origin of the family is found in the Goldsmiths of England. His grandparents were "rebels" in the struggle for American independence, and in various capacities performed excellent service for the cause of freedom. After the termination of hostilities between the two countries they moved to South Carolina. Shortly after his birth his parents settled in Charleston, S. C., where he received his preliminary education in the Charleston high school. Before the opening of the late war he moved with his family to Barton co., Ga., where he studied medicine under the supervision of Dr. R. M. Young. He subsequently graduated from the med. coll. of Ga., at Augusta, Ga., then entered upon the active practice of his profession at Cartersville, Ga. At the close of the internecine struggle he removed to Atlanta, Ga., where he has since resided. At the present time, while engaged in general practice, he makes a specialty of gynæcology. He is a member of the Ga. State med. asso., and of the Atlanta acad. of med.; and for several terms officiated as president of the Fulton co. med. soc. He was elected police commissioner for Atlanta, Ga., two years, and at the expiration of his term was re-elected for an additional period of three years. During the progress of the civil war he was on the medical staff of the Confederate army, and was in hospital service at Richmond, Va., Atlanta, and Macon, Ga., and Corinth, Miss.; and from the opening to the closing of the conflict was constantly employed in his professional capacity. He was appointed by the city authorities of Atlanta, Ga., one of the sanitary commission of 1876, which body issued a large volume, containing a lengthy and valuable report by him, as chairman of a committee on "the removal of excreta and refuse from cities." He has from time to time contributed various articles to medical journals on "Erysipelas," "Dysentery," "Chloroform in Obstetrics," "Gynæcological Medicine," etc.

LEWIS, GEORGE FREDERICK, Bridgeport, Conn., was born, Oct. 14th, 1842, in Stratford, Conn. He is of English descent in both lines, his mother being a descendant of Jehu Burr, who came over with Pynchen in 1640, and settled in Fairfield, Conn. He received the degree of A. B. from Yale coll. in 1864, and that of M. D. from the Yale med. school in 1866, settling at Bridgeport, where he still resides. He is a member of the Fairfield co. med. soc., and of the Bridgeport city med. asso., of which he was elected president in 1877, and re-elected for 1878. In 1864–65 he was a medical cadet in the U. S. army, and in 1865 ass't surg. of the 96th U. S. C. T. He is now surgeon of the 4th reg. of Conn. national guards. He married, Oct. 7th, 1870, Kittie S. Bunnell.

KEITH, GEORGE HACKET, Minneapolis, Minn., son of Bethuel Keith and Mary (Pierson) Keith, of Scotch descent, born at Randolph, Vt., May 4th, 1825, was educated at Kimball Union acad., Meriden, N. H., studied medicine at the Woodstock med. coll., Vt., and graduated in 1853. He resided in New York city to 1854, and then removed to Minneapolis, where he has since resided in the general practice of his profession. He is a member of the Hennepin co. and the Minn. State med. socs.; was surg. of

the State military expedition against the Indians during the Indian war in Minn. in 1862; provost marshal of the second district of Minn. from 1863 till after the close of the war, Sept., 1865. He was also member of the State legislature in 1857 and 1858, and has been postmaster of Minneapolis since 1871. In 1851 he married Anna J., daughter of Dr. Jonathan Young, of Granville, O., who died in 1862. In 1863 he married Henrietta P., daughter of Samuel A. Jewett, Esq., of Minneapolis, Minn.

HOWE, GEORGE, Jr., Columbia, S. C., son of Rev. George Howe, D.D., LL.D., prof. of biblical literature in the Columbia theological seminary, born in Columbia, Jan. 29th, 1848, was educated at Columbia male seminary, and in the univ. of S. C., in both its literary and medical departments; also in medicine at the univ. of La., and at the Charity hosp., New Orleans, and graduated M. D. in June, 1870. He settled in Columbia, where he has successfully performed some important surgical operations. He is a member of the Columbia med. soc., and has been its secretary and treasurer; also a member of the S. C. State med. asso. In 1873 he married Annie, daughter of Rev. Joseph R. Wilson, D. D., of Wilmington, N. C.

GRIMES, WILLIAM SAMUEL, Wapello, Iowa, born in Pocahontas co., West Va., May 20th, 1842, received his general education at the Iowa State univ., and his medical education at the Rush med. coll., Chicago, graduating from the latter M. D. in February, 1874, and settling at Wapello, Louisa co. He is a member of the Louisa co. med. soc., was its secretary during 1874, and its president in 1875; of the Union district med. soc. of Iowa, and of the Iowa State med. soc. He married in June, 1875.

EVE, ROBERT CAMPBELL, Augusta, Ga., son of Joseph A. Eve and Sarah G. Eve, was born in Augusta, Ga., May 15th, 1843. He graduated from the med. coll. of Va. in March, 1863, and settled first in Staunton, Va., and then in Augusta, Ga. He is a member of the Augusta library and med. soc., and of the Ga. med. asso., and is vice-president of the former. He has written on the "Influence of the Ovaria in Uterine Disorders," "Epilepsy," "Tonic Properties of Mercury in Minute Doses," "Importance of Mental and Physical Culture in Medical Training," etc., all of which were read before the societies above named. He was appointed demonstrator of anatomy in the med. coll. of Ga. in 1872; he is also prof. of materia medica and medical jurisprudence in the med. coll. of Ga. He was commissioned ass't surg. of the Confederate States army in April, 1863, and appointed acting ass't surg. U. S. army, at Augusta arsenal, in October, 1873. He is phys. to the city hosp. of Augusta, and one of the physicians in charge of the poly. clinic of the med. dep't of the univ. of Ga. In March, 1865, he married Willie Harman, of Staunton, Va.

FOSS, SIDNEY ALDRIDGE, Laconia, Ky., son of Cotton Foss and Cynthia (Reynolds) Foss, born in Madison township, Grange co. (now Lake co.), O., July 12th, 1823, educated at Painesville, O., acad., studied medicine at the Willoughby med. coll., Willoughby, O., and at the Buffalo med. coll., and graduated in June, 1847. He settled in Pleasure Ridge Park, Jefferson co. He is a member of the Ky. State med. soc. He has published articles on "Registration of Births, Deaths, and Marriages," and "Reports of Cases." Was a member of the Kentucky legislature for four years. He married in 1850.

CARRINGTON, CHARLES, Farmington, Conn., son of Edwin Welles Carrington and Sarah (Cowles) Carrington, was born at Farmington, Hartford co., Conn., Feb. 3d, 1839. He graduated doctor of medicine from the coll. of phys. and surg., New York city, in March, 1860, and settled in Farmington. He was president of the Hartford co. med. soc. in 1876, and is member of the Am. med. asso. In December, 1860, he married Elizabeth Whiting.

FRYE, JOSEPH D., Peoria, Ill., born in Winchester, Va., Sept. 28th, 1811, graduated from the Ohio med. coll. in 1838, and settled in Peoria. At the first meeting of the Am. med. asso., held in Philadelphia in 1847, he was the only delegate from Illinois. He is a member of the Peoria city med. soc., is now its president; of the Ill. State med. soc.; and of the Am. med. asso. In 1833 he married Eliza, daughter of Prof. M. B. Wright, of Cincinnati.

GALLAGHER, CHARLES A., New Haven, Conn., of Irish parentage, was born in Baltimore, Md., in Dec., 1835. He received his education at the free acad. of New York, and studied medicine at the univ. of New York, graduating in 1857, and settling first in New York city, but removing in June, 1861, to New Haven. He is a member of the New Haven med. asso., and Conn.

State med. soc.; was ass't phys. to Blackwell's Island hosp. for one year after graduating; deputy coroner of New York during 1858, 1859, and part of 1860; surg. of the 9th reg. Conn. vols. from Sept., 1861, to Oct., 1864, and registrar of vital statistics of New Haven in 1871 and 1872. He married in July, 1861.

WOOTEN, THOMAS D., Austin, Texas, son of Joseph Wooten, of Virginia, of Scotch descent, born in Barren co., Ky., March 6th, 1829; graduated from the univ. of Louisville, Ky., in 1853, and commenced practice in Kentucky, but removed to Springfield, Mo., in 1856. Here he remained till the breaking out of the war, after which he settled in Paris, Texas, and finally in Austin, in 1876. His practice is general, but he has given special attention to surgery and gynæcology, and has successfully performed many important operations, among them ovariotomy. He has held the office of president of the Texas State med. soc., and has contributed to its transactions reports on surgery and diseases of females. During the war he was medical director of the army of the West. In 1852 he married Miss Goodalls, daughter of Dr. Goodalls, of Kentucky.

BRYANT, JOSEPH DECATUR, New York city, was born, March 12th, 1845, in Walworth co., Wis. He was educated at the Norwich acad., New York, and graduated from the Bellevue hosp. med. coll., Feb. 29th, 1868. He was an interne of the Bellevue hosp. (surgical service) from 1869 to 1871. Settled in New York city. He was lecturer on surgical anatomy at the Bellevue hosp. med. coll. during the summer sessions of 1872, 1873, and 1874. He was one of the examiners of the college faculty recitation class during the years 1875 and 1876. He published in the *Medical Record* of Sept. 15th, 1871, a paper on "Plaster of Paris Dressing for Fracture of the Thigh." He is now one of the attending surgs. to the bureau of medical and surgical relief of the outdoor poor at Bellevue hosp., lecturer on general descriptive and surgical anatomy at the Bellevue hosp. med. coll., sanitary inspector in the health department of the city of New York, and surg. of the 71st reg. N. G. of the State of N. Y.; is a member of the med. soc. of New York, and a fellow of the New York acad. of med.

GOODMAN, JOHN, Louisville, Ky., was born in Frankfort, Ky., July 22d, 1837, and is a son of John and Jane Goodman, also of Frankfort, Ky. He received his preliminary education at Georgetown coll., Ky., and was afterward a student of the univs. of Louisville, Ky., and of La., graduating from Georgetown coll. in 1856, and from the univ. of La. in 1859. He subsequently entered upon the active practice of his profession at Louisville, Ky., where he now resides. His specialty is obstetrics and diseases of women. He is a member of the Ky. coll. of phys. and surg., of the obstet. soc., La., and of the Ky. State med. soc. He has contributed to medical literature: "A New Method of Conducting the After Treatment in the Operation for Vesico-Vaginal Fistula," "Treatment of Chronic Cystitis in the Female," "Menstruation and the Law on Monthly Periodicity." In 1860 he acted as demons. of anat. in the Ky. school of med., and in 1868 as prof. of obstet. in the Louisville, Ky., med. coll. In 1859 he was married to Carrie D. Miller, of Louisville, Ky.

HOMANS, JOHN, Boston, Mass., was born in that city, Nov. 26th, 1836, and entered Harvard coll., where he graduated in the academical dep't in 1858, and from the med. dep't in 1862. He then entered upon the active practice of his profession at Boston, Mass., where he now resides. He is a member of the Boston soc. for med. improvement, the Boston soc. of med. science, the military hist. soc., and the Boston soc. nat. hist. He has also officiated as surg. to Boston dispensary, children's hosp., Carney hosp., and has had charge of the out patients of the Mass. general hosp. During the war of the rebellion he served as ass't surg. U. S. army, and has held the position of medical director of Perkins institute for the blind.

HOUGHTON, RICHARD E., Indianapolis, Ind., of Irish and American parentage, and English descent, and whose father was a prof. in Earlham coll., Richmond, Ind., was born in Fayette co., Ind., Dec. 8th, 1827. He was educated by his father, and studied medicine at Cleveland med. coll., and at the Jefferson med. coll., Philadelphia, graduating from the former in 1853, and from the latter in 1862. He commenced practice in Knightstown, Ind., in 1852; moved to Richmond, Ind., in 1855, and to Indianapolis in 1875. He practices medicine and surgery, and has in his professional career performed most of the capital operations. He has been a frequent contributor to the periodical literature of his profession, and to the transactions of State, district, and county socs. Among these contributions are papers on "Lithotomy," "Thrombosis," "Homologous and Heterogeneous Tumors," "The Structure and Functions of the Nervous System," "Hip-Joint Dislocation and Methods of Reduc-

tion," etc., "Sudden Deaths in the Puerperal State," "Change of Type in Disease," *American Medical Journal;* "An Effort at the Physiological Interpretation of Dilatation and Contraction of Blood-Vessels," etc. He is president of the Ind. State med. soc., vice-president of the Union district med. soc., and Hayne co. med. soc., and member of the Marion co. and Am. med. assos. During 1872 and 1873 he was prof. of descriptive and surg. anat. in the Ind. med. coll.; from 1873 to 1877 prof. of physiology (phys. anat.) in the coll. of phys. and surg., Indianapolis, Ind. During the war he was ass't surg. of the 52d Ind. reg. He has been twice married, once in 1852, and again in 1870.

JOHNSTON, DAVID, Westport, Ky., was born in Perry co., O., Oct. 29th, 1833. On the maternal side he is of Scotch and Irish extraction, on the paternal American—Pennsylvania and New Jersey. His literary education was acquired at the Miami univ., Oxford, O., and his professional training in the med. dep't of the univ. of Louisville, Ky. In June, 1854, the degree of A. B. was conferred upon him by Miami univ., and in March, 1861, he received his degree of M. D. from his *Alma Mater*. He subsequently settled at Goshen, Oldham co., Ky., whence he removed to Westport, in the same county, where he has since resided, actively engaged in professional labors. One of his more notable cases was the treatment of an outward dislocation of radius and ulna, report of case before Ky. State med. soc. He is a member of the Am. med. asso., of the Ky. State med. soc., and of the Sydenham med. soc. He is secretary of the last-named body, elected April 20th, 1874, and has since been re-elected every year to fill that position. His contributions to medical literature consist of "A Report to the Chairman of Committee on Epidemics, Kentucky State Medical Society," published in Transactions for 1876; and "New Remedies," read before the Sydenham med. soc. He was married, Jan. 22d, 1861, to Sue M. Gallagher.

YOUNG, NOBLE, Washington, D. C., of Scotch-Irish extraction, was born in Baltimore, Md., June 26th, 1808. He matriculated at the Catholic seminary, Washington, D. C., and received his professional education in the med. dep't Columbia coll., D. C., whence he graduated in March, 1828. He then entered upon the practice of his profession in Washington, D. C., where he has since remained. He is a member of the med. soc. of D. C., and of the Am. med. asso., and officiated as vice-president in both; is president of the med. asso., Washington, D. C., and has been prof. of the principles and practice of medicine in Georgetown univ. for twenty-five years, and at present occupies the position of emeritus prof. in that institution. For six years he has held the position of phys. and surg. of the U. S. penitentiary, D. C. He was married May 6th, 1836.

UDELL, NATHAN, Centreville, Iowa, born in Susquehanna co., Pa., Feb. 18th, 1817, studied medicine under Dr. Ray, of Guernsey co., O., and in the univ. of Iowa, at Keokuk, receiving the honorary degree of M. D. in 1855. He established himself at Unionville, Iowa, in 1849, and at Centreville in 1860. He is a member of the Am. med. asso., of the Iowa State med. soc., of the Des Moines valley med. asso. (its president in 1877), and of the Appanoose co. med. soc. (president in 1876). He was surg. of the 17th reg. Iowa infantry, and has been three times elected to the Iowa State senate. In June, 1840, he married Eliza Payne, of Marietta, O.

WHARTON, RICHARD GOODE, Port Gibson, Miss., of English ancestry, who settled in Culpepper co. in 1700, was born in Cartersville, Cumberland co., Va., Jan. 11th, 1815. He studied languages and mathematics at the univ. of Va., and medicine in the univ. of Pa., graduating in March, 1837. He established himself first in King William co., Va., in 1837, but in a few months settled at Grand Gulf, Miss. In 1851 he removed to Port Gibson. He has devoted much of his time to electro-therapeutics and to diseases of the ear. He is a member of the State med. asso. of Miss., and is at present its first vice-president. His contributions to the literature of his profession have been, among others, one on the "Congestive Fever of Mississippi," *American Journal of Medical Sciences;* one on "Malignant Epidemic Erysipelas," to the same journal, in 1844–45; a case of "Opium Poisoning," and a "Case of Intestinal Obstruction Relieved by Galvanism," *Philadelphia Medical Times;* "Electro-Therapeutics," transactions State med. asso., 1876. He married in 1845.

BEALL, WILLIAM PHILIPS, Lampasas, Texas, of Kentucky parentage, was born, Jan. 20th, 1822, in Washington co., Ky. He graduated at the St. Louis med. coll. in March, 1859, and settled in Shelbyville, Ill., whence he removed to Coffeeville, Texas, thence to Austin, and finally to Lampasas. He is a member of the Texas State med. asso., and of the Am. asso. of supt's of

insane institutions. He has twice represented Upshur co. in the Texas legislature; was a member of the constitutional convention of Texas in 1866; and in the same year was appointed superintendent of the Texas lunatic asylum, an office from which he was removed by the military governor of the State in 1867. He is at present county judge of Lampasas co., and medical examiner of physicians for seventeenth judicial district. He married, in 1850, Myrtilla McKisick, of Tennessee parentage.

GREEN, CALEB, Homer, N. Y., is, on the paternal side, of English extraction, and on the maternal Scotch. He was born in Lafayette, Onondaga co., N. Y., Nov. 14th, 1819, and received his preliminary education at Lafayette high school, whence he was transferred to Cortland acad., N. Y., graduating subsequently from Geneva med. coll., Jan. 23d, 1844. He first entered upon the practice of his profession at Homer, N. Y., where he has since remained. He was for many years secretary of the med. asso. south central N. Y., and afterward became president of that institution; was twice president of Cortland co. med. soc., and for several years past has officiated as secretary; is a permanent member of the N. Y. State med. soc., 1858; member of the Am. med. asso., 1853; hon. member of the Buffalo natural history soc.; in 1855 was elected prof. of materia medica and general pathology in Geneva med. coll. After two courses the departments were reorganized, and he was appointed to the chair of physiology and pathology, which position he resigned in Nov., 1862. In 1863 he was requested to perform the duties of prof. of materia medica in the Berkshire med. coll., at Pittsfield, Mass., but declined; he was afterward offered the professorship of obstetrics and diseases of women in Geneva med. coll., but declined. In 1872 he was elected to the professorship of obstetrics and diseases of women and children in med. dep't of Syracuse univ., but declined this offer, preferring to devote himself wholly to the practice of his profession. In 1877 he became vice-president of the central N. Y. med. asso. His honorary degree of A. M. was conferred by the Madison univ. While devoting himself to a general practice he has also bestowed considerable attention upon various departments of natural history, botany, entomology, conchology, and geology. In 1849 he made a report (Transactions med. asso. south central N. Y.) in favor of a thorough preparation for the study of medicine, one of the earliest papers on the subject presented to the profession in New York State. In 1843 he published in the *Boston Medical and Surgical Journal* an essay on "Epidemic Influenza," with special reference to the epidemic of 1843; also in the same journal, 1845, an original thesis on the "Functions of the Oblique Muscles of the Eye," founded on original investigations. He was married, Sept. 8th, 1845, to Roxana R. Parsons, of Northampton, Mass., then a teacher under Mary Lyon, in Mt. Holyoke female seminary.

McCULLOCH, ALBERTIS P., Brooklyn, Iowa, of Scotch ancestry, was born in Benton, Holmes co., O., April 1st, 1844. His literary education was received at the univ. of Mich., and his medical at Rush med. coll., Chicago, whence he graduated M. D. in March, 1868. He practised his profession in De Soto, Dallas co., Iowa, till July, 1872, when he removed to Brooklyn, Poweshiek co., Iowa. In November, 1874, he made a European trip, visiting the leading hospitals of Great Britain, and spending three months at the med. dep't of the univ. of Edinburgh. He is a member of the Iowa State med. asso., and is now president of the Poweshiek co. med. asso. Among his notable cases successfully treated are a case of varicocele by ligating the vein with Lister's prepared catgut; a suicidal cut throat with trachea half severed, sutures applied, and external wound sewed up; castration of a case of encephaloid disease of testicle, weighing two pounds two ounces; excision of inferior maxillary; a sole-leather support used to shape cartilaginous growth, etc. In January, 1877, he married Susie M. Lyon, of Des Moines, Iowa.

ENGLE, PERRY, Newton, Iowa, of German ancestry, was born in Benton, Hancock co., O., July 16th, 1840. He was educated at the univ. of Mich., and graduated from the med. dep't of that institution in 1871. He also studied medicine in the Long Island med. coll., graduating from that in the same year. He commenced practice first in Brooklyn, but afterwards removed to Iowa. He is a member of the Iowa State med. soc.; of the Des Moines Valley med. asso.; and of the Hancock co., O., med. soc.; of the latter he has been president. A monogram on "Irreducible Hernia," from his pen, was published at Ann Arbor, Mich. In September, 1871, he married Kittie Madison, of Ann Arbor, Mich.

HIGGINS, ARCHIBALD A., Squan Village, N. J., son of Henry Higgins, born at Princeton, N. J., Sept. 29th, 1827, was educated at Pennington, N. J., and

at the coll. of N. J., whence he graduated in 1846. He studied medicine at the univ. of Pa., and received his degree of doctor of medicine in 1854, settling soon after in Squan Village in general practice. He is a member of the Monroe co. med. soc. In March, 1858, he married E. A. Sage, of Connecticut.

HAINES, WALTER S., Chicago, Ill., son of Hon. John C. Haines, of Chicago, a descendant of John Haynes, first governor of the colony of Connecticut, was born in Chicago, Sept. 27th, 1850. He was educated at the Chicago high school, and at the Mass. institute of technology, Boston. He studied medicine in the Chicago med. coll., and graduated in the spring of 1873. He also spent fifteen months in study in Europe. He settled in practice in Chicago, where he is devoting his attention exclusively to chemistry, toxicology, and other branches of medical chemistry. He is a member of the Chicago chemical soc., and of the Am. public health asso.; and has contributed a few articles on medical chemistry to the journals. He was appointed prof. of chemistry in the Chicago med. coll. in 1873, which position was held till the summer of 1876, when it was resigned to accept the like chair in the Rush med. coll.

YOUNG, H. J., Minneapolis, Minn., born in Rochester, Vt., June 9th, 1831, was educated at Springfield acad., Vt., and studied medicine at the Berkshire and Vt. med. colls. He graduated in 1854, and located himself first at Sheboygan Falls, Wis., and changed to Waseco, Minn., in 1867. Among his notable cases was a successful supra-pubic operation for stone in the bladder of a girl ten years old, stone weighing one ounce. He is a member of the Sheboygan co. med. soc., and has been its vice-president. He was ass't surg. of the 1st Wis. cavalry from 1862 to 1863, also surg. of the 4th Wis. reg. from its organization to the close of the war. He was also in charge of the general hosp., Tullahoma, Tenn. In 1854 he married Lucia H. Preston, of Pittsfield, Vt.

STEWART, GEORGE WASHINGTON, Burlington, Iowa, was born, May 30th, 1847, at Chester, Vt. He pursued his professional studies at the med. coll. of Ohio, and the Rush med. coll., Chicago, graduating from the latter in February, 1869. He first settled in Chicago, whence he moved to Muscatine, Iowa, and thence to Burlington. He is a member of the Des Moines co. (Iowa) med. soc., and of the Iowa State med. soc. In May, 1873, he performed, at Muscatine, Iowa, the excision of a portion of the left lobe of the liver, in the case of a man whose liver had been penetrated by a plow-share, the operation ending in recovery. This case was published in the *Chicago Medical Journal* of September, 1873, and presented to the Am. med. asso., in 1876, by the Iowa State med. soc., in its contribution to the "History of the Practice of Medicine and Surgery" during the first century of the republic. He is med. director of the Centennial trust and life asso., at Burlington.

KIERULFF, BENJAMIN FRANKLIN, Marshalltown, Iowa, was born in St. Croix, Danish West Indies, Oct. 10th, 1839, and is the son of King's-Advocate Kierulff. His father, a native of Christiana, Norway, was educated at the lower univ., in Copenhagen, Denmark, and subsequently received the appointment of king's advocate for the Danish West Indies; his mother was a native of Germany. He was educated primarily at Andressons univ., Altona, now Hamburg, Germany; attended the univ. of Pa., Philadelphia, Pa., in 1864, and the Rush med. coll., Chicago, Ill., 1865–66, and 1866–67, graduating from that institution in the spring of the latter year. He afterward visited the continent, and there was engaged in professional service as ass't surg. in the Prussian army of the Rhine, during the progress of the Franco-Prussian war. Upon relinquishing military practice he visited the med. dep'ts of Bonn on the Rhine, Würtzburg and Munich, in Bavaria; and then attended the semestre of 1871–72 in the general hosp. of Austria, at Vienna, as practicant, subsequently visiting the hospitals and med. schools of Paris and London. Among his more notable cases he has operated successfully for ovariotomy, and three cases of tracheotomy. He is a member of the Iowa central med. asso., elected vice-president, January, 1875; of the Poweshiek co. med. soc.; of the Iowa Union med. soc.; and of the Iowa State med. soc. He was one of the examining commission for graduates of the Iowa State univ., med. dep'ts, March 3d, 1875. He was married to the daughter of M. L. Rogers.

BROWN, CHARLES FOX, Van Buren, Ark., was born in King and Queen co., old Va., April 16th, 1820, and is of English extraction. His preliminary education was acquired in the common schools of his native place, and he prepared himself for professional life in the med. coll. of Ohio, graduating from that institution, March, 1849. His first place of settlement was at Fayetteville, Ark., where he was engaged in professional labors

until his removal to Van Buren, Ark., in 1846. In 1848 he acted as ass't surg. in the U. S. army; in 1861 he was appointed surg. in the Confederate States army, under General Ben McCullough, and was engaged in active service during the war. He is a member of the Ark. State med. soc.; of the Crawford co. med. asso.—elected treasurer in Jan., 1875; in 1848–49 held the position of censor in the Ark. med. soc., and examiner in midwifery, therapeutics, and materia medica; and has been president of the Van Buren, Ark., board of education for the past four years. He was married in 1858, and has had thirteen children.

DRYSDALE, THOMAS MURRAY, Philadelphia, Pa., sixth son of William Drysdale, was born in Philadelphia, Aug. 31st, 1831. His ancestors were Scotch Covenanters, his uncle, the Rev. Alexander Duff, being the distinguished missionary of the Scotch Presbyterian church. He received his preliminary education at the schools of the Rev. Joseph P. Engles and the Rev. Samuel Crawford, under whose tuition he was prepared for the univ. of Pa. Failing health, however, prevented the completion of his studies, and he was sent by his physician, Dr. James Rush, to the country, where he remained until his health was re-established. Early in life he had determined to devote himself to the study of medicine, and, encouraged by an improved state of health, he accepted a position in a drug store in order to become familiar with the science of pharmacy. Soon after he entered upon a course of medical instruction in the office of Dr. Washington L. Atlee, who, at that time, occupied the chair of chemistry in the Pa. med. coll. In connection with the office instruction under this distinguished surgeon he attended lectures at the college, and became the assistant of his preceptor in his laboratory, of which he had full charge during the last two years of his college life. He graduated in 1852, making the subject of his thesis "Liebig's Theory of Animal Heat," which he supported and proved by a carefully-conducted series of experiments made upon himself with nitrogenous and non-nitrogenous articles of food. After graduating, his health again failing, he made a pedestrian tour of his native State in company with a professional friend. This proved of great service, and he returned invigorated. In 1853 Dr. Drysdale became associated with Dr. A. Owen Stille and Dr. W. Kent Gilbert in the examination of students; subsequently he united with Dr. Wm. Gobrecht, formerly prof. of anat. in the med. coll. of O., and Dr. J. Aitken Meigs, now prof. of physiol. in the Jefferson med. coll., and engaged in the examination of students connected not only with the Pa. med. coll. but with other similar institutions. In 1855 he was elected to fill the chair of chemistry in the Wagner institute of science, made vacant by the resignation of Professor Rand. Here he attracted large audiences, but was compelled to resign the position and devote himself exclusively to the duties of a rapidly-increasing practice, in which he made surgery and gynæcology his specialties. In 1861 he performed successfully his first operation of ovariotomy, an operation which, at that time, was regarded with disfavor by the medical profession. In 1862 he delivered a course of lectures on the microscope at the Franklin institute, which reflected much credit on his abilities as a lecturer and a microscopist. The study of the microscope had early claimed his careful attention, and notwithstanding the variety of professional duties which crowded upon him, he continued to pursue microscopical investigations, especially of the fluids of dropsies, adding important facts to the knowledge of the profession upon subtle points in discussion among physicians. He was one of the founders of the Am. gynæcol. soc., June 3d, 1876; was elected a member of the British med. asso. in 1877; has been a member of the Am. med. asso. since 1873; of the Pa. State med. soc. since 1864; of the Philadelphia co. med. soc. since 1853; became a member of the pathol. soc. in 1877; of the obstet. soc. in 1877, and was a delegate to the International medical congress in 1876. He has been corresponding secretary of the Pa. State med. soc. for three years; was vice-president of Philadelphia co. med. soc. in 1875, and president of the same in 1876. His contributions to medical literature comprise the following: 1. "An Account of Three Surgical Cases," *American Journal of Medical Sciences*, July, 1856, p. 359. 2. "Case of Rupture of the Common Duct of the Liver. Formation of a Cyst Containing Bile," etc., *ibid.*, April, 1861, p. 399. 3. "Dropsical Fluids of the Abdomen: Their Physical Properties, Chemical Analysis, Microscopic Appearance, and Diagnostic Value, Based on the Examination of Several Hundred Specimens," forms chap. xxiv. of Dr. W. L. Atlee's work on the "Diagnosis of Ovarian Tumors." 4. A paper "On the Granular Cell found in Ovarian Fluid," read before the Am. med. asso. and published in their proceedings for 1873, p. 177. 5. "The Address in Surgery (Tracheotomy in Diphtheria and Psuedo-Membranous Croup)," delivered before the med. soc. of the State of Pa., and published in their proceedings for 1874, p. 62. 6. "Address delivered before the Medical Society of the State of Pennsylvania," May, 1876, and pub-

lished in their proceedings, p. 5. 7. "On the Use of Chlorate of Potassa in Diphtheria and Pseudo-Membranous Croup," *Medical and Surgical Reporter*, March 17th, 1877, p. 237. Dr. Drysdale married Mary L. Atlee, second daughter of his preceptor, in Oct., 1857.

SHEW, ABRAM MARVIN, Middletown, Conn., was born in Watertown, N. Y., Sept. 18th, 1841. He graduated M. D. from the Jefferson med. coll., Philadelphia, in 1864. After spending some time in the Blockley almshouse, Philadelphia, he was appointed an assistant at the N. J. State lunatic asylum in the spring of 1866, and in Sept. of the same year sup't of the Conn. hosp. for the insane. He is a member of the Conn. med. soc., of the asso. of med. supt's of American institutions for the insane, and of the Middlesex co., Conn., med. soc., of which he was president during 1874. He has written a "History of the Connecticut Hospital for the Insane," and on "The Responsibility of Mental Disease." He served as acting ass't surg. U. S. army for fourteen months after graduating. In Jan., 1869, he married Elizabeth C. Palmer, of Watertown, N. J.

CARPENTER, HENRY, Lancaster, Pa., of Swiss descent, was born in Lancaster, Dec. 10th, 1819. Since his ancestors settled in this country, five generations of the family have passed, each of which has produced one eminent physician. He is the son of Henry Carpenter, formerly a surveyor and conveyancer, and at one time a member of the board of commissioners of Lancaster co. He was educated in the public schools of Lancaster and the Lancaster co. acad., and, after reading medicine with Dr. Samuel Humes, entered the med. dep't of the univ. of Pa., from which he graduated in 1841, commencing the practice at once in Lancaster, his office being set up in the building in which he was born, and still lives. He is a member of the Lancaster co. med. soc., which he aided in organizing in 1844, and of which he was secretary for many years from the date of its organization, and president in 1855; and of the Pa. State med. soc., of which he has been secretary and vice-president, and is now one of the censors. He was long a member of the city council of Lancaster, serving continuously for twenty years as president of the select branch, and for some time as president of the lower branch; and has also been a member of the Lancaster school board. During the civil war he was twice called by the surgeon-general of the State into the service of the vol. surg. dep't. He was formerly one of the directors of the Conestoga steam mills company; was one of the originators of the Conestoga turnpike company, as well as its president; and is a director of the Lancaster and Quarryville narrow gauge railroad; director and treasurer of the Delaware river & Lancaster railroad, and director and treasurer of the National railroad. He married, in 1846, a daughter of the late John Mathiot, for many years mayor of Lancaster, and has three daughters living.

HARRISON, WILLIAM WILSON, Talladega, Ala., son of Dr. W. B. Harrison, of the same place, was born at Guntersville, Ala., Oct. 29th, 1850. His literary education was acquired at the Baptist coll., Talladega, Ala.; and his medical training at the Louisville univ., Ky.; the Nashville med. coll., and Atlanta med. coll., his date of graduation being 1870. He afterwards settled at Blountsville, Ala., then at Alexandria, Ala., and finally at Talladega, Ala., where he now resides. From May 1st, 1874, to May 1st, 1876, he officiated as secretary of the Talladega co., Ala., med. soc.; and in April, 1875, was elected counsellor of the med. asso. of the State of Ala.; for two years also he resided as phys. at the Talladega, Ala., almshouse. His contributions to medical literature consist of various essays and communications published in scientific and medical journals. He was married May 23d, 1871.

WATKINS, WILLIAM H., Portland, Oregon, son of William Watkins, a native of Wales, and of Lydia (Southwick) Watkins, born in Yorkshire, Cattaraugus co., N. Y., April 16th, 1827; educated at Springville acad., and at the univ. of Buffalo; graduated from the latter in April, 1849, and commenced practice in Racine, Wis. He removed to southern Oregon in 1850, and to Portland in 1861. He is a member of the Oregon State med. soc., and was its president in 1876, and has at various times contributed articles to the medical journals. He had charge of a hospital during the Indian war of 1855 and 1856, on Rogue river, and was surg. of the 1st Oregon cavalry during the war of the rebellion. He was an elector on the Republican ticket in 1860, and cast the vote of the State for Lincoln and Hamlin, and was a member of the constitutional convention of Oregon. In April, 1858, he married Elizabeth Bloomfield, of Hempstead, Long Island.

HARMON, JULIAN, Warren, O., son of Dr. John B. Harmon and Sarah Dana Harmon, was born in Warren, O., Aug. 1st, 1824. He graduated at the Western Reserve coll. in Aug., 1846, and in the med.

dep't of the same institution in Feb., 1849, spending the winter of 1851–52 in the New York hosps. and schools. He settled in his native town, where he still lives. In the spring of 1854 he had special success in the treatment of an epidemic of vesicular bronchitis among children, and similar success in the treatment of diphtheria and scarlet fever in 1861–63. He made a trip down the Mississippi to New Orleans in the fall of 1858, and thence to Havana, as physician to Jacob Perkins, president of the Cleveland & Mahoning railroad, returning home in Feb., 1859. For several years he was surg. for the Cleveland & Mahoning and the Atlantic & Great Western railroad companies. He is a member of the Trumbull co. med. soc., of which he has been secretary for the last ten years; of the Northwestern Ohio med. asso., of which he was elected vice-president in Feb., 1877; and of the Ohio State med. soc. He published in the *Boston Medical and Surgical Journal* an early, if not the earliest, notice of camphor and chloroform as antidotes to strychnia. For the last fifteen years he has been U. S. pension surg. for the county of Trumbull. In April, 1862, he was sent to the battle-field of Pittsburgh Landing, to look after the soldiers from his section of Ohio. He was trustee of the northern Ohio insane asylum in 1872–74, and for several years a member of the board of education of Warren, as also secretary. He was married, July 30th, 1857, to J. R. Swift; and, June 6th, 1871, to Mary E. Bostwick, having three children by his first wife (who died of apoplexy in sleep in 1868), and two by the second.

DEAN, HENRY WALTER, Rochester, N. Y., born in Morrisville, N. Y., Aug. 22d, 1818, educated at Middlebury and Lima, N. Y., studied medicine at the Geneva med. coll. and graduated in 1842, and settled in Rochester. He is a member of the Rochester city med. soc.; of the Monroe co. med. soc.; of the N. Y. State med. soc., of which he was president in 1865 and 1866; and of the Am. med. asso., of which he has been a member of the judicial council for several years. He has been officially connected with the Rochester city hospital since its organization. In April, 1843, he married Elizabeth P. Smith. [Died, Jan. 13th, 1878.]

WESTMORELAND, JOHN G., Atlanta, Ga., of English ancestry, was born in Jasper co., Ga., March 4th, 1816. His literary education was obtained in county schools and at the village acad., Fayetteville, Fayette co., Ga., and his medical education in Philadelphia, Pa., and Augusta, Ga. He graduated in the latter city. He commenced practice in Meriwether co., Ga., afterwards removed to Zebulon, Pike co., and finally settled in Atlanta. He was elected a member of the med. asso. of Ga. in 1847; of the Atlanta med. soc. in 1856; of the Atlanta acad. of med. in 1867; and of the Am. med. asso. in 1857. He has contributed various articles to the medical journals; is now editor of the *Atlanta Medical and Surgical Journal*, and author of *Westmoreland's Acology*. He has been prof. of mat. med. in the Atlanta med. coll. (of which he was the founder and organizer) since the date of its organization in 1855. He has been twice in the Georgia State legislature, and was a private in the Confederate army during the civil war. He married in 1847.

POWELL, THOMAS SPENCER, Atlanta, Ga., of Welsh ancestry who settled in Virginia, was born in Brunswick co., Va., Oct. 27th, 1824. His literary education was obtained at a select school in Brunswick co., and his classical education at Lawrenceville acad. He studied medicine at the univ. of Pa. and graduated in 1846. He located first in Sparta, Ga., where he remained until compelled by ill health to remove to Savannah. He, however, returned to Sparta a few months after, and remained there till his removal to Atlanta in 1857. He has been a member of the Ga. State med. asso. since 1857, and of the Am. med. asso. since 1858; also since that year member of the State examining board. He is the author of "Medical Formulary," published in 1854, and principal editor and proprietor of the *Southern Medical Record* (formerly *Georgia Medical Companion*), which he established. Through this serial he has contributed largely to medical literature, besides having made many public addresses on literary and scientific subjects. In 1857 he was elected prof. of obstetrics and diseases of women and children in Atlanta med. coll., and held the office till 1866. In 1848 he married Julia, daughter of Rev. Dr. Larkin Bass, of Sparta, and granddaughter of a governor of Louisiana.

DWIGHT, THOMAS, Boston, Mass., grandson of Jonathan Dwight, of Springfield, and son of Thomas Dwight, of Boston, was born in Boston, Oct. 13th, 1843. He was educated at Harvard univ. and also in the med. dep't of that institution, and graduating in 1867 settled in Boston in general practice. He is a member of the Boston socs. for med. improvement; for med. observation; of med. sciences; of nat. history,

etc., etc. He is the author of "Anatomy of the Head," 1876; of "The Structure and Action of Striated Muscular Fibre," in Proceedings of the Boston soc. of nat. history, 1873; and of a description of "Balanoptera Muscular (Razor-Back Whale)," in possession of that society (and which was mounted under his direction), Memorials, 1873. He was lecturer on anat. at the med. school of Maine in 1872; also prof. of the same for four years. He has been instructor in histol. at Harvard med. school since 1874. He is a member of the Am. academy of arts and sciences.

HENRY, GREENBURY RIDGELY, Burlington, Iowa, was born at Hopkinsville, Ky., Sept. 1st, 1828, and is the son of Dr. John Flourney Henry and Lucy S. Ridgely Henry; his grandfathers were Gen. William Henry, of Ky., and Dr. Frederick Ridgely, of Ky. His literary education was acquired at Illinois coll., Jacksonville, Ill., and his professional training at the med. univ. of Louisville, Ky., whence he graduated in March, 1849. His first place of settlement was Burlington, Iowa, where he has permanently resided since 1850, actively engaged in the practice of his profession. At the present time he officiates as president of the Des Moines co. med. soc., and as president also of the board of examining surgeons of the U. S. pension board. His contributions to medical literature consist of various articles published in the *Boston Medical Journal*, and in the *Medico-Chirurgical Review* of Philadelphia, Pa. He was married, Oct. 16th, 1850, to Catherine Chambers, of Jacksonville, Ill.

LOVE, JOHN SMITH, Springville, Ia., born at Manor Hill, Huntingdon co., Pa., May 19th, 1831; was educated at Tuscarora acad., Juniata co., Pa., and at Jefferson coll., Cannonsburg, Pa., from which latter he graduated in 1850, receiving the degree of A. M. from the same institution in 1853. He graduated in medicine from the Jefferson med. coll., Philadelphia, in 1856, and settled first in Centre co., Pa., removing to Springville, Linn co., Iowa, in Dec., 1858. He is a member of the Iowa union med. soc.; the Iowa State med. soc.; and the Am. med. asso. In Sept., 1865, he married Alice C., daughter of J. D. Stone, Esq., Linn co., Iowa.

ELDREDGE, JAMES H., East Greenwich, R. I., was born at East Greenwich, May 27th, 1816. He was educated at Kent acad., East Greenwich, and graduated in medicine from the Jefferson med. coll., Philadelphia, in 1837, settling in East Greenwich. He is a member of the R. I. med. soc., and was its president from 1858 to 1860; and of the Am. med. asso.; and was a member of the International medical congress at Philadelphia in 1876. He has read many papers before the R. I. soc., which have been published in its proceedings. He has been chairman of the school committee of East Greenwich for more than twenty years. In June, 1839, he married Anna F. A., daughter of Charles Henshaw, Esq., of Boston.

BELT, ALFRED METCALF, Salem, Oregon, born in Fleming co., Ky., July 3d, 1804, is the son of Capt. Joseph C. Belt, afterwards promoted to the rank of major in the war of 1812, and Nancy Armstrong Belt, a native of Virginia. His literary education was acquired under the instructions of a private tutor, and he afterwards entered upon a course of medical studies in the Willamette univ., from which institution in due course he received his diploma. His first place of settlement was in Greenup, Va., 1834. In 1837 he took up his residence in Fleming, Va.; in 1840 he removed to Missouri, where he remained for several years; in 1850 he established himself in the practice of his profession in Salem, Oregon, where for the last twenty-seven years he has been widely known as a successful general practitioner. A noteworthy incident in his career is his journey from Missouri to Oregon by ox-team, a trip which consumed five months and seventeen days. He has officiated for some time as president of the Marion co. med. soc., Oregon; in 1835–36 held the position of magistrate at Greenup, Va.; and in 1855–56, during the Indian war, acted as surg.-gen. of the State. He was married, June 17th, 1834, to Nancy Ward, and has had eleven children.

BATTE, WILLIAM, Pulaski, Tenn., was born in Giles co., Tenn., April 26th, 1823; his parents were natives of Greenville co., Va. His literary education was acquired at Jackson coll., Columbia, Tenn., and at Lagrange coll., Ala.; he subsequently entered upon a course of studies in medicine in the med. coll. of Louisville, Ky., and in the Jefferson coll., Philadelphia, Pa.; date of graduation, March, 1846. His first place of settlement was in Harrison co., Texas, in 1847, and from there he removed in 1848 to Madison parish, La., where he remained until 1849; in the course of this year he removed to Pulaski, Tenn., where he has since permanently resided, actively engaged in the practice of his profession. He is a member

of the State med. soc. of Tenn.; also of the Giles co. med. asso., Tenn.; and of the Pulaski acad. of med., Tenn.' His contributions to medical literature consist of an article on "Gastrotomy," written about 1857, published in the *Charleston Journal of Medicine;* and a paper on "Placenta Prævia," published in the *Nashville Journal of Medicine.*

APPLEGATE, FREDERIC C., of Windham, O., was born in Hubbard, Trumbull co., O., Feb. 21st, 1821; on the maternal side he is of German extraction, and on the paternal of English. He was educated primarily in the common schools of his native place; was for a time a student in the Vienna acad., O.; took his first course of lectures in the med. dep't of the Western Reserve coll.; and took his last course, also his degree of M. D., in the Jefferson med. coll. of Philadelphia, Pa., in 1863. In the spring of 1849 he settled in Windham, Portage co., O., where he has since permanently resided, actively engaged in professional labors. He has pursued the career of a general practitioner in full practice in this county for a period extending over twenty-eight years; and with the exception of a term of four months during the summer of 1864, passed in the U. S. service at Johnson's island, as surgeon of 171st reg. national guards, has never been absent from his chosen field. He is a member of the Ohio State med. soc., and of the Portage co. med. soc.; has been president of the latter body, and frequently served on committees of the former. His contributions to medical literature consist of various articles, papers, and essays dealing with medical and kindred topics.

LOVETT, ARTHUR S., Erie, Pa., was born, June 9th, 1849, at Clymer, Chautauque co., N. Y. He received a liberal education, and, after reading medicine with Dr. G. Wickstun, of Wattsburg, Erie co., Pa., took one course of lectures at the Bellevue hosp. med. coll., New York city, and one in the med. dep't of the Mich. univ., from which he graduated, March 29th, 1871. In the following May he settled at Waterford, Erie co., Pa., forming in August a partnership with Dr. William Faulkner, of that place, which continued until the spring of 1872, when he removed to Erie. He is a member of the Erie co. med. soc., of which he was elected corresponding and recording secretary, July 6th, 1875, and re-elected in 1876, 1877, and again in January, 1878; and in 1876 represented the society in the Am. med. asso. In 1877, Aug. 17th, he was appointed a member of the Erie board of pension examining surgeons, to fill the vacancy caused by the death of Dr. William M. Wallace. He married, June 1st, 1876, Fannie E. Zimmerly, of Erie, Pa.

BRYAN, THOMAS CLARK, Pope, Miss., was born at Oakland, Miss., Feb. 24th, 1845, and is of American parentage and Scotch-Irish ancestry. His earlier years were passed in Memphis, Tenn., where he acquired his preliminary and literary education; he was prepared for professional life in the univ. of La., New Orleans, and was also a student at the Charity hosp., La.; date of graduation 1870. His place of first settlement was at Crittenden co., Ark., whence he removed to Memphis, Tenn., settling finally at Pope, Panola co., Miss. (expecting, however, to return shortly to Memphis, Tenn., or St. Louis, Mo.) Notable case: Trephine, one case four months in pregnancy, was hemiplegic from a blow in the head, recovered, and went on to full gestation. He is a member of the Am. med. asso., and of the Grenada, Miss., med. asso., of which body he was elected president, Jan. 1st, 1876. During the civil conflict he served in the Confederate States army, and was present at several engagements under Lee, Johnston, and Forrest.

VEST, JOHN WILLIAM HENRY, Montezuma, Iowa, born in Buckingham, Va., May 17th, 1822, was educated at Hillsboro' acad., Highland co., O., and studied medicine in Browne co., O., at the Starling med. coll., O., and at the Jefferson med. coll., Philadelphia, graduating at the Starling coll. in 1856, and at the Jefferson in 1865. He settled in New Market, High co., O., then in New Vienna, Clinton co., O., and lastly in Montezuma, Poweshiek co., in general practice. He is a member of the Iowa State med. soc., and of the Poweshiek co. med. soc., and is president of the latter. During the war he served as surgeon, surgeon-in-chief, med. director, and as private surgeon, and on the staff of Gen. McClernand. In December, 1847, he married Margaret Phibbs, of Russelville, Brown co.

DEAN, HENRY MUNSON, Muscatine, Iowa, was born in Canaan, Litchfield co., Conn., Nov. 8th, 1836. He received a high school education, and studied medicine at the coll. of phys. and surg., and at the med. dep't of Columbia coll., New York, and graduated in 1861. He settled first in Canaan, Conn., and then, after passing three and a half years in the army, located himself in Sandwich, Ill. He finally established him-

self in Muscatine. He is a member of the Am. med. asso., and of the Iowa State med. soc., and is trustee of the latter; also secretary and treasurer of both the Eastern Iowa district med. soc., and of the Muscatine co. med. soc. He has written a few articles for the local soc., and for the State med. soc. He served two and a half years as acting ass't surg. U. S. army, and one year as ass't surg. U. S. vet. vols., at Lincoln U. S. general hosp., at Washington, D. C., as visiting surg. in charge of barrack branch of above hospital, as its med. inspector and surgeon-in-charge of its pathological and eye and ear departments, etc. He was also president of the examining board. In June, 1866, he married Emma Johnson, of Philadelphia, Pa.

HILL, JOHN, South Norwalk, Conn., of English and Irish ancestry, was born in Sterling, Windham co., Conn., Jan. 19th, 1821. His literary education was obtained at the high school of Plainfield, Conn., and his medical education in the office of Dr. Daniel A. Hovey, of South Killingsby, Conn., subsequently in the office of Dr. William Witter, of Willimantic, Conn., and at the med. dep't of the univ. of New York. He graduated from that institution in 1845. From 1845 to 1858 he practised in Willimantic, a portion of which time in business connection with Dr. Witter. In the spring of 1858 he removed to Brooklyn, N. Y., where he remained till 1864. From 1864 to 1867 he was ass't sup't and phys. at the N. Y. State inebriate asylum, Binghampton, Broome co. In 1867 he settled in South Norwalk. His practice is both medical and surgical. In the latter branch he has performed with success many very important operations. He is a member of the Conn. State med. soc.; of the Fairfield co. med. soc.; and of the Norwalk med. asso.; of the latter he has been president.

FITCH, LUTHER P., Charles City, Iowa, born in Groton, Mass., March 26th, 1836, received his literary education at Lawrence acad., Groton, Mass., and his medical at Beloit coll., and coll. of phys. and surg., New York. He graduated at Beloit in 1860 (received his degree of A. M. in 1863), and at the coll. of phys. and surg., in New York, in 1864. After the war, in which he participated, he established himself in practice, at Beloit, with Dr. C. J. Taggart. The next winter, 1866–67, he passed in New York, completing his studies, at the conclusion of which season he settled in Rockford, Ill. In October, 1868, he settled in Charles City. He is a member of the Am. med. asso.; of the Iowa State med. soc., of which he is second vice-president, and of Upper Cedar Valley asso., of which he was secretary for three years, and president during 1876–77. He read a paper on "Rhus Toxicodendrum" before the Iowa State med. soc. He was first ass't surg. of the 47th U. S. colored infantry from August, 1863, to January, 1866, much of the time in charge of the regiment. In October, 1869, he married Martha Baker, of Berlin, Wis.

YOUNG, IRENEE DUPONT, Bordentown, N. J., was born, May 12th, 1827, at Rockland, Del. He is the son of W. W. Young, of Philadelphia, and grandson of William Young, who published the first directory of Philadelphia. He was educated at Newark, Del., and graduated at the Pa. med. coll., Philadelphia, March 8th, 1848. For one year he was resident phys. of Wills' hosp., Philadelphia, and for a short time resident phys. of the Pa. hosp., after which, June 25th, 1849, he settled in Bordentown, N. J., where he still is. He has paid special attention to the diseases of the eye and ear. He is a member of the N. J. State med. soc., and of the Burlington co. med. soc. He married, Oct. 5th, 1876, Bethea Allen, only daughter of the late Col. Jos. W. Allen, of the 9th reg. of N. J. vols.

FISHER, CHARLES HENRY, Sacramento, Cal., was born at St. Louis, Mo., Aug. 16th, 1849. His general education was obtained at the St. Louis public schools, and his medical education in Sacramento, and at the Jefferson med. coll., Philadelphia. He graduated in March, 1873, and settled in Sacramento. He is a member of the Sacramento soc. for medical improvement, and of the Cal. State med. soc.; of the latter he was ass't secretary in 1874. He has been city phys. of Sacramento. He is lieutenant and ass't surg. on staff of colonel commanding 4th infantry reg., 4th brigade, California.

DUMM, SEBASTIAN CABOT, Cheshire, O., son of Milton Dumm and Sarah J. Dumm, was born in Monroe co., Oct. 10th, 1849. He received a common-school education, studied medicine at the Cleveland med. coll., graduated in February, 1872, and settled first in Stratford, O., after a year removing to Cheshire. His practice is general. He is a member of the Delaware co. med. asso., and was its treasurer in 1873, and has a few articles before the society, and for the clinic, and has contributed also to the *Ohio Medical Recorder*. He was one of the first in his section to advocate the hypoder-

mic uses of medicine, the first to use deep injections of chloroform and morphia into the muscles for relief of neuralgia, also to recommend large doses of quinine in puerperal and typhoid fevers, etc.

FOX, CHARLES JAMES, Willimantic, Conn., of English ancestry, born at Weathersfield, Conn., Dec. 21st, 1851, was educated at Hartford public high school, from which he graduated in 1872. He was also a student at Yale coll. till 1875. He graduated from the med. dep't of the New York univ. in Feb., 1876, and located in Willimantic in March, 1877. His specialty is obstetrics and diseases of women requiring surgical treatment. From Feb., 1876, to March, 1877, he was head resident physician and surgeon of the Hartford city hosp. He is a member of the board of health of Willimantic and chairman of the sanitary commission.

FARNSWORTH, HENRY S., Clinton, Iowa, was born in Westford, Chittendon co., Vt., July 2d, 1832. He graduated in June, 1860, from the med. dep't of the univ. of Vt., and settled in Philipsburg, Canada, P. Q., in partnership with Dr. J. S. Brigham, one of the medical examiners of MaGill coll., Montreal. He is a member of the Clinton co. med. soc., of which he was secretary and treasurer in 1876 and 1877; of the Iowa State med. soc., and of the Iowa and Illinois central district med. soc. He is commissioner of insanity for Clinton co., and medical examiner for the Charter Oak, Metropolitan and several other life insurance companies. In 1861 he married Harriet E. Pratt, of Franklin co., Vt.

ENSOR, J. F., Columbia, S. C., of English ancestry, natives of Warwick, was born in Butler, Bath co., Md., Dec. 12th, 1834. He graduated from the univ. of Md. in March, 1861, and settled first in Randallstown, Baltimore co., and afterwards in Columbia. His specialty is the treatment of diseases of the mind. He is a member of the S. C. State med. soc.; of the med. soc. of Columbia, and of the asso. of med. superintendents of American institutions for the insane. For the past eight years he has been superintendent of the S. C. lunatic asylum. He held the position of surgeon in the U. S. service for seven years. He married in Nov., 1862.

ENNETT, WILLIAM THOMAS, Rocky Point, N. C., of Irish descent, son of Thomas Ennett and Zilpah Ennett, born at Stump Sound, Onslow co., N. C., Nov. 19th, 1839, was educated at Chapel Hill univ. (1858–1861), and studied medicine at the univs. of N. Y. and Md., and graduated in March, 1867. He established himself at Rocky Point, New Hanover co. He is a member of the N. C. med. soc., and of the Eastern med. soc., and has been vice-president of both. He has contributed several papers to the proceedings of the N. C. med. soc. He entered the Confederate army at the outbreak of the civil war as lieutenant in the 5th reg. N. C. infantry, and was promoted to a captaincy, and subsequently to be major of the same regiment, a position he held to the close of the war, commanding the regiment in several engagements. He was also in command of Cox's brigade on Lee's surrender. He married Sarah P., daughter of Davis McIntire, Esq.

ARMISTEAD, WILLIAM HENRY, Vaiden, Miss., son of John K. Armistead and Julia E. (Gaines) Armistead, born in Randolph co., N. C., was educated in North Carolina, and graduated from the med. dep't of the univ. of Louisville, Ky., in March, 1847. He first settled on the Big Black river, Mississippi, about fourteen miles from his present location, to which he removed after being nine years in the place first mentioned. His practice is medicine and surgery. He is a member of the Carroll co. med. soc.; of the Miss. State med. soc., and of the Am. med. asso. He has been a member of the State legislature of Mississippi five times since 1850. In May, 1855, he married Mary E., daughter of Thompson Wilson, of Carroll co., Miss.

ELIOT, ELLSWORTH, New York, a descendant of John Eliot, "the apostle to the Indians," was born at North Guilford, Conn., Sept. 15th, 1827. He graduated A. B. from Yale coll. in 1849, and M. D. from the coll. of phys. and surg., N. Y.; he also studied in the med. dep't of the univ. of N. Y., and was subsequently for eighteen months one of the house staff of Bellevue hosp., New York. He established himself in New York city. He is a member of the N. Y. co. med. soc., of which he was president in 1872 and 1873, and of the med. soc. of the State of N. Y., of which he was vice-president in 1875. He is also trustee and registrar of the coll. of phys. and surg. He has published occasional brief articles in the medical journals and elsewhere. He holds the position of attending physician in Northern and Northeastern dispensaries, New York city, and was a member of the volunteer aid corps of surgeons of the State of

New York, appointed Feb., 1863. In May, 1856, he married Anna Stone.

HUBBARD, STEPHEN G., New Haven, Conn., graduated in medicine from Dartmouth coll. in 1843. He is prof. of obstet. and diseases of women and children in the med. institution of Yale coll., and president of the New Haven city med. asso.

BETHUNE, RODERICK A., Snyder, Ark., born in Sumter co., S. C., April 10th, 1834, is the son of John and Frances Bethune, and grandson of David Shaw, deceased, of Sumter co., S. C., is the descendant of a very wealthy and honored ancestry. His literary education was acquired at Bethel high school, Bullock co., Ala.; subsequently he attended his first course of medical lectures at the med. coll. of the State of Ga., Augusta; and his second at the Jefferson med. coll., Philadelphia, Pa., graduating March 11th, 1854. His first place of settlement was Sumter co., S. C. Jan., 1866, he established himself in Bullock co., Ala.; and in Dec., 1872, removed to Ashley, Ark., where he still resides. While a general practitioner, he has been especially successful in the treatment of hemorrhagic malarial fever, a disease very prevalent in his section of Arkansas, and generally fatal. He is a member of the Ashley co., Ark., med. soc., elected secretary of that body Feb., 1876; and of the Ark. State med. soc. His most notable contribution to medical literature is his article, "Case of Poisoning by Strychnia—Gum Camphor the Antidote," in the *Nashville* (Tenn.) *Medical Journal*, 1867. During the course of the civil war he held the rank of lieutenant in the 6th S. C. reg., Longstreet's corps, army of northern Virginia, Confederate States army. While holding that position he was offered a commission in the medical staff, but declined to leave his company. Nov. 25th, 1857, he was married to Margaret E. Mayes, first cousin, of Sumter co., S. C., daughter of Hon. M. P. Mayes, and sister of Dr. J. A. Mayes, ex-president of the S. C. med. soc., etc.

DIDAMA, HENRY DARWIN, Syracuse, N. Y., son of Dr. John Didama, a native of Holland, and of Lucinda (Gaylord) Didama, of Connecticut, born at Perryville, Madison co., N. Y., June 17th, 1823, was educated at Cazenovia seminary, studied medicine at the Geneva and Albany med. colls.; graduated at the latter in 1846, and settled first in Romulus, N. Y., and then (1851) in Syracuse, in general practice, but making a specialty of gynæcology. He is a member of his city, county, and district med. socs., and has been president of each; member of the Boston gynæcological soc.; of the New York State med. asso., and of the Am. med. asso., of which latter he was vice-president in 1875. He was also a member of the International medical congress, held in Philadelphia in 1876. He has been prof. of principles and practice of medicine in the coll. of med., Syracuse univ., since 1873. Was surg. of the 51st reg. N. G. State of N. Y. for eight years, and is now division surg. 6th division N. G. State of N. Y. He has been coroner of Syracuse for twelve years. In 1848 he married Sarah, daughter of Hon. Sherman Miller, of Tompkins co., N. Y.

HOUSE, JOHN G., Independence, Iowa, of Puritan ancestry, was born in Cazenovia, Madison co., N. Y., April 25th, 1816. He was educated at the Springville acad.; studied medicine under Dr. Austin Flint, Sr.; took his first course at the Jefferson med. coll. as a beneficiary, on the recommendation of Millard Fillmore and Dr. Flint, and graduated from the med. dep't of the Columbian coll., Washington, D. C., March, 1841. He commenced practice at Clarence, N. Y., whence after three years he removed to Springville, N. Y., where he remained fourteen years, and then went to St. Louis, Mo., settling finally in Independence, Iowa, where he has lived for the last seventeen years. He is a member of the Iowa State med. soc., of which he was first vice-president in 1874 and 1875, presiding at the meeting in June, 1874, at Des Moines. He has been a contributor to the *Buffalo Medical Journal*, and read several papers before the State soc., among them one on "Blood-Letting," and one on "Puerperal Convulsions." He is a member of the board of trustees of the Iowa hosp. for the insane at Independence, of which board he is also the secretary; and is chairman of the board of supervisors of the county of Buchanan. For the last twelve years he has been, as he now is, exam. surg. for the pension bureau. He has been twice married: first, to Julia A. Prall, of Buffalo, N. Y.; and, secondly, to Rachel C. Freeman, of Independence, Iowa, and has three children, sons, two by the first wife, and one by the second.

JARVIS, GEORGE C., Hartford, Conn., son of Dr. George O. Jarvis, the inventor of the Jarvis surgical adjuster, for which he received a gold medal from Prince Albert in 1845, and of Philomela (Marshall) Jarvis, was born April 24th, 1834. He received his general education at public schools, military acad., Norwich, Vt., and at Trinity coll., Hartford, and his medical education at the

univ. of the city of New York, whence he graduated M. D. in 1860, and settled first at Stamford, Conn., where he remained till the breaking out of the war of the rebellion. At its close he settled in Hartford. He is a member of the Hartford library journal asso., of the Hartford city and county med. socs., of the Conn. State med. soc., and of the Am. med. asso. His contributions to medical literature consist of some reports of cases to the State med. soc. He served as surg. in the field and in hospitals during the entire war of the rebellion, being in Virginia from Dec., 1861, to Oct., 1862; in the department of the South, in charge of post and general hospitals at Fernandina and St. Augustine, Fla., and in the siege at Morris island, to April, 1864; in the Grant campaign about Richmond and at Petersburg, Va., to Dec., 1864; operating surg. for flying hospitals for the 10th, 18th, and 24th corps; at Fort Fisher as chief of operating staff; and subsequently in charge of exchanged Union prisoners at North East station, near Wilmington, N. C., and of general hosp. at Wilmington. He is now State examiner at the med. dep't of Yale coll. for six years; one of the visiting surg. at the Hartford hosp.; president of the Hartford board of pension examiners. In Feb., 1866, he married Martha Gillum, daughter of George Gillum, Esq., of Portland, Conn.

KING, JAMES, Pittsburgh, Pa., son of John King, iron-master, was born, Jan. 18th, 1816, in Bedford co., Pa. He was educated at the Bedford classical and mathematical acad., and studied medicine in Lexington, Ky., under Dr. Benjamin W. Dudley, subsequently entering the med. dep't of the univ. of Pa., from which he graduated March 14th, 1838. He began the practice at Hollidaysburg, Pa., whence, in 1844, he moved to Washington, Pa., remaining there about six years, and filling during a portion of the period the chair of anat. in the Washington coll., which he resigned on account of his ill health, and in 1850 removed to Pittsburgh, where he now resides. At the outbreak of the civil war he entered the U. S. army as a surg., serving successively as surg. at Camp Curtin, as division surg. of the State, and as medical director of the Pa. reserves, which last position he held until the battle of Antietam, after which, at the request of Gov. Curtin, he was mustered out of the Federal service to become surg.-general of the State, holding the latter place until Aug. 1st, 1864, when he resigned, and resumed his practice at Pittsburgh. He was, it may be added, a member of the first examining board organized by his predecessor in the office of surg.-general, and in his own discharge of the office did much to systematize its regulations and improve its management, not to speak of his official reports, the style and method of which so commended themselves to the surg.-general of the sister State of Ohio that he took the reports as a model. He is a member of the Allegheny co. med. soc.; the med. soc. of Pa., its president in 1866; and of the Am. med. asso. He is married.

LATTA, MILTON MILLER, Goshen, Ind., of Irish and Welsh ancestry, was born in Champaign co., O., July 9th, 1822. He received his preliminary education in the common schools of his native State, and subsequently, 1841–42, was a student at the Ohio med. coll., graduating early in the latter year; 1855–56 he pursued his studies at the Rush med. coll., Chicago, Ill., whence also he was duly graduated. His first place of settlement was at Goshen, Ind., where he has been engaged in active professional labors since the spring of 1842. Among his more notable cases are five of ovariotomy; one tumor weighed 61½ pounds (the woman has since had two children). While engaged in general practice, he has made a specialty of fractures, and has invented a fracture-bed. He is a member of the Am. med. asso., of the Ind. State med. soc., and of several other Indiana med. socs. From 1845 to 1849 he was secretary of the county soc., and has officiated as vice-president of the Ind. State soc. His contributions to medical literature consist of "Medical and Surgical History of Elkhart County," "Case of Ovariotomy," "Papers on Fracture of the Thigh." He was one of the promoters of the Buffalo & Mississippi, now Southern Michigan railroad, and for a long time was one of the directors of the company; is also one of the projectors and builders of the Goshen hydraulic works. He was twice married—in 1846, and in April, 1871.

McLEAN, THOMAS NEAL, Elizabeth, N. J., born at Simsbury, Conn., Feb. 17th, 1843, is the son of Allan Neal and Emeline Barber McLean. He acquired his preliminary and literary education at Williston seminary, East Hampton, Mass., class of 1863; in 1866 he entered upon a course of studies at Yale coll.; was a member of the Yale med. coll., class of 1871, and in the spring of that year was in attendance at clinics at King's coll. hosp., London, Eng.—date of graduation, Jan. 12th, 1871. His first place of settlement was at Elizabeth, N. J., where he now resides. In 1869 he served as house phys. in the Conn. State hosp. While en-

gaged in general practice, he pays special attention to diseases of the chest. He is a member of the district med. soc. of Union co., N. J.; was elected secretary of that body, July 1st, 1873, and still occupies that position; April 1st, 1873, he was elected reporter of the Union co. district med. soc. His contributions to medical literature consist of "The Medical History of Elizabeth, N. J., and Vicinity," published in transactions of N. J. med. soc., 1874–75. He was married, Oct. 13th, 1875, to Sarah E. Bayliss, of New York.

ALEXANDER, ELI MARION, Ripley, Tippah co., Miss., born in Monroe co., Miss., Dec. 20th, 1830, studied medicine in the med. dep't of the univ. of Louisville, and in Jefferson med. coll., Philadelphia, and graduated doctor of medicine from the last-named institution in March, 1859. He established himself in an active general practice of medicine at Ripley, in which he continued till 1870, when ill health obliged him to abandon his profession. He is a member of the Miss. State med. soc.; in 1871 was representative of Tippah county in the house of representatives of Mississippi, and in the same year was elected to represent the twenty-third senatorial district in that State, a position he resigned after being in the State senate two years. During the civil war he held the position of med. director of the 5th division, Miss. militia, with the rank of lieutenant-colonel, and also first lieutenant in the 2d reg. Miss. State troops. Failing health compelled his resignation from the army after a brief term of service. He is connected with the Ship Island, Ripley & Kentucky railroad. In Jan., 1869, he married Virginia V., daughter of Warden W. Sherry, Esq., of Winchester, Va.

BEACH, DAVID, Jr., Des Moines, Iowa, son of David and Mary (Peck) Beach, was born in Twinsburg, Portage co., O., Jan. 24th, 1830. He received his early education in Ohio and Iowa, and studied medicine at the Iowa State med. univ., Keokuk, graduating in Feb., 1861, and settling first at Des Moines, Iowa, removing to Stuart, Guthrie co., Iowa, in 1874, where he has pursued a general practice. He is a member of the Iowa State med. soc.; of the Polk co. med. soc., elected in 1861, and has been its censor and vice-president; and of the Guthrie co. med. soc., elected in 1875, and has been its censor. During the war he was appointed post surg. of the 23d and 29th Iowa infantry, and ass't surg. of the 4th Iowa infantry. He was also for two years physician for Polk county. In April, 1860, he married Roxie, daughter of John and Mary Newhall, of Wellsville, O.

OVERHOLT, DANIEL WILLIAM, Columbus Junction, Iowa, was born at Medina, O., Sept. 11th, 1838. His preliminary education was acquired at Grandview acad., Iowa; he then entered upon a course of medical studies in the coll. of phys. and surg., Keokuk, Iowa, afterward entering the Bellevue hosp. med. coll.; dates of graduation, 1867 and 1873. His first place of settlement was Grandview, Louisa co., Iowa, 1864; he thence removed to Columbus Junction in 1873. Although a general practitioner, he has made somewhat of a specialty of gynæcology. He is a member of the Louisa co. med. asso., of the Eastern Iowa med asso., of the Iowa State med. asso., the Am. med. asso., and from April, 1871, to 1876, presided as chairman of the board of censors, Iowa.

ROTHROCK, ABRAHAM, McVeytown, Pa., was born, April 19th, 1806, near Lewistown, Mifflin co., Pa. His father was a farmer in moderate circumstances, and lived until the ninety-fourth year of his age. His mother died at the age of eighty. His great-grandfathers and great-grandmothers all came from Germany, and were among the first settlers in the colonies. He was educated at the Lewistown acad., and attended lectures in the med. dep't of the univ. of Pa., from which he graduated in March, 1835, having settled, between his first and second courses, at McVeytown, in his native county, where he still resides. He is a member of the Mifflin co. med. soc., of which he has been president; and of the med. soc. of the State of Pa., of which he was elected one of the vice-presidents in June, 1877. In April, 1863, he was appointed surg. of the board of enrolment for the 17th district of Pa., on the first organization of the board, and continued in that position until the close of the war. He married, May 11th, 1837, Phebe B. Trimble, of Delaware co., Pa., and has three children, two daughters and one son, now prof. of botany in the med. dep't of the univ. of Pa.

SANDT, JOHN, Easton, Pa., of German ancestry, was born in Lower Mount Bethel township, Northampton co., Pa., June 9th, 1822. He was educated at common schools, at Vandeveer's classical school at Easton, Pa., at Lafayette coll., Easton, and at the univ. of Pa. He graduated from Lafayette coll. in 1846, and from the univ. in 1850.

He established himself first in Plainfield township, then after six years he removed to Stockerstown, where he resided eighteen years. He then settled at (College Hill) Easton. His practice is general—medical, surgical, and obstetrical. He is a member of the Am. med. asso., of the Pa. State med. soc., and of the Northampton co. med. soc., and has been vice-president and president of the latter. He has made some literary contributions to the county and State med. socs. He married in Sept., 1849.

PAGE, HOSMER REYNOR, New Sharon, Iowa, was born in Milan, Erie co., O., Oct. 17th, 1842. He was educated at Iowa coll., Western coll., and the med. dep't of Iowa State univ., and graduated A. B. in 1869, A. M. in 1872, and M. D. in March, 1871. He located himself in New Sharon, Mahaska co. He is a member of the Iowa State med. soc., and of the Mahaska co. med. soc., and was president of the latter from 1873 to 1875.

STURGEON, WILLIAM H., Uniontown, Pa., was born at that place Jan. 24th, 1826. He received his literary education at Madison coll., Uniontown, and Jefferson coll., Cannonsburg, and his medical education at Jefferson med. coll., Philadelphia, whence he graduated M. D. in 1849. He settled first in Uniontown, then in Pittsburgh, and after being eight years in the U. S. mint in Philadelphia, then again in Uniontown. He was six years coroner and ten years physician of Fayette co. In 1853 he married E. V. Dawson, of Uniontown.

WELLS, GEORGE WILLIAM, New York city, was born, June 5th, 1841, at Tyrone, Schuyler co., N. Y., though his family removed the following year to Goshen, N. Y. He is the son of Alfred Wells, of English descent, and Lydia Westbrook Wells (*née* Nyce), of German lineage. After attending a common school and the Tanners' Hall acad. at Goshen, N. Y., he was prepared for college under a private tutor at the same place (Rev. Dr. Daniel Wells), and entered Princeton coll., N. J., Aug. 15th, 1861, from which he graduated June 28th, 1865, receiving the degree of A. M. in 1868; and, having begun the study of medicine under Dr. J. H. Thompson, of Goshen, and Prof. L. A. Sayre, of New York city, entered the Bellevue hosp. med. coll. in the fall of 1866, graduating in 1868. He first settled at West Farmers, Westchester co., N. Y., remaining there two years, and then removing to New York city. In 1867 he was ass't surg. under the late Dr. Moffat, to the Seaman's Retreat hosp. in the New York harbor. He is a member of the Westchester co. med. soc.; of the N. Y. co. med. soc.; of the Yonkers med. asso., of which he was elected secretary in 1870; of the New York medico-legal soc., of which he was elected secretary, May 22d, 1873, and still holds the office; of the New York neurolog. soc., of which he has been secretary since its reorganization, April 6th, 1874; of the alumni asso. of the Bellevue hosp. med. coll., of which he has been secretary since Feb. 26th, 1873; and of the Am. med. asso. He has contributed largely to medical periodicals, especially to the *Chicago Journal of Mental and Nervous Diseases*, the *Virginia Medical Monthly*, the *St. Louis Medical and Surgical Journal*, the *Philadelphia Medical and Surgical Reporter*, the *Philadelphia Medical Times*, the *New York Medical Journal*, the *New York Physician and Pharmacist*, and the late *Psychological and Medico-Legal Journal*, of New York. He has also compiled in English a resumé of the proceedings of the International med. congress at Brussels, and a great number of other pamphlets and society proceedings. He married, June 29th, 1865, Emma Grant Hamilton, daughter of John R. Hamilton, and granddaughter of the late General Hamilton, of Princeton, N. J.

REESE, AUGUSTUS JORDAN, Mobile, Ala., son of William Reese and Susan (Cooper) Reese, was born in Autauga, Ala., April 22d, 1826. He received his literary education at the Cumberland univ., Lebanon, Tenn., and his medical education at the univ. of La., whence he graduated in 1849. He settled first at Collerine in the last-named year; then in 1850 at Pleasant Hill, Dallas co.; in 1866 at King's Landing, Alabama river; and in 1873 at Mobile, all in Alabama. He was vice-president of the Mobile med. soc. in 1876, and is councillor of the Ala. State med. asso. He was a volunteer surgeon in the Confederate army during the civil war, and has been alderman of the city board of Mobile. In 1853 he married Eliza A. King. After her death he married, in 1872, Mrs. Margaret Massendorf.

HILLS, THOMAS MORTON, Willimantic, Conn., son of Rev. Israel Hills and Lucinda (Morton) Hills, and great-grandson of Israel Hills, of Glastenbury, Conn., who served in the revolutionary war under General Putnam, was born in Lowell, Oxford co., Me., May 12th, 1839. He studied medicine in the office of Dr. S. F. Pomeroy, now in Springfield, Mass., and also with

Drs. P. A. Jewett and T. Beers Townsend, in New Haven, with whom he held the position of office assistant. While there he often assisted Prof. Jonathan Knight in surgical operations. He graduated from Yale in July, 1863, and located himself first in Norfolk, Va., then in Richmond, and finally, in 1866, in Willimantic. His specialty is surgery and diseases of women. He exhibits his remedies, in diseases of the air passages, mostly by atomization, and has used by atomization a saturated solution of potassæ chlorate and other remedies with success in diphtheritic croup, and is making a special study of that form of the disease. He is a member of the Windham co. med. soc., the Conn. State med. soc., and permanent member of the Am. med. asso. During the war he served as volunteer surgeon in the Knight military hosp., New Haven, and as ass't surgeon of the 27th reg. Conn. vols. In June, 1862, he married Mary Anna Hill, of New Haven. She died in Jan., 1864. In Sept., 1864, he married Laura Sophia, daughter of Robert Heath, Esq., of Magothy, Anne Arundel co., Md.

SKIPWITH, EDWIN HENRY, Little Rock, Ark., was born Feb. 15th, 1849, of English parentage. Was educated in La Grange coll., Ala., and graduated in medicine from the new school of medicine, New Orleans, in 1860. He commenced practice at Russellville, Ky., removing to Little Rock in 1865. He is a member of the coll. of phys. and surg. of Little Rock, and was its president in 1876, of the Ark. State med. soc., and of the Am. med. asso. He held the positions of ass't surgeon and surgeon in the Confederate army during the civil war. He was married in 1863; his wife died in 1870. In Feb., 1871. he married Mrs. Bunck, *née* Henderson.

HOLLOWAY, JAMES MONTGOMERY, Louisville, Ky., was born at Lexington, Ky., July 14th, 1834. He acquired his literary education at Oakland coll., Miss., and Centre coll., Danville, Ky.; subsequently preparing himself for professional life in the med. dep't univ. of La. (New Orleans). He graduated in medicine in 1856–57, and was the valedictorian of his class. In 1857 he established himself at Vernon, Madison co., Miss. In 1858 he changed his residence to Dover, Yazoo co., Miss., but in the course of the following year returned to Vernon. From 1861 to 1865 he served as surgeon in the Confederate States army, subsequently moving to Louisville, Ky., where he has since resided, actively engaged in professional labors. During his experience in the Confederate States army (appointed surgeon June 11th, 1861), he served with the 18th Miss. reg., and was present at the battles of Manassas and Ball's Bluff. After serving on the Peninsula until May, 1862, he was ordered, on account of sickness, to Richmond, Va., where he organized the 1st division Winder hospital. He afterward organized hospital No. 2. In 1863 he held the position of senior medical officer, and was appointed president of med. examining board for all hospitals in Richmond. He is a member of the medico-chirurg. soc., Ky., of the acad. of med., of the Ky. State med. soc., and the Am. med. asso. He is also a member of the Ky. State board of med. examiners, commissioner of central Ky. lunatic asylum, of the med. and surg. staff of Louisville city hosp., Ky., and an ex-member of the board of health, Louisville, Ky. In 1865–66 he presided as prof. of anatomy in the med. dep't of Louisville, Ky.; in 1866–67 was prof. of physiology in the same college; in 1867–68–69–70 was prof. of physiology and med. jurisprudence in Ky. school of med.; from 1870 to 1874 was prof. of physiology and clinical surgery in the Louisville med. coll.; and from 1874 to 1877 has presided as prof. of general and clinical surgery in hosp. coll. of med., med. dep't of central univ., Ky. His contributions to medical literature consist of reports of surgical cases in the *Lancet and Observer;* articles on the treatment of hemorrhage from large arteries, styptics and compression; articles on amputations of foot and excision of ankle-joint, in the *American Journal*, and numerous other articles, analyses, and reviews in the Richmond, Va., and Louisville, Ky., medical journals. He was married at Danville, Ky., March 8th, 1868, to Annie Warren.

CALKINS, GEORGE H., Waupaca, Wis., was born in Castile, Wyoming co., N. Y., April 21st, 1830, and is a son of Varanes and Elizabeth Utter Calkins. He acquired his preliminary education in the common schools of his native place, subsequently pursuing a course of higher studies at Buffalo univ., Buffalo, N. Y.; afterward, for three years, he studied medicine under the instructions of James B. Staunton, M. D., of Ellicottville, Cattaraugus co., N. Y.; date of graduation, term of 1856–57, at univ. of Buffalo, N. Y. He then immediately established himself in practice at Waupaca, Wis., where he has since resided. His specialty is surgery, and at the present time he is surgeon of the Wisconsin Central railroad, appointed by Messrs. Philips & Colby, construction

company. For four years he has been president of the Waupaca co. med. soc., elected Aug. 25th, 1873; and is a member of the State med. soc., Wis. He has been a member of the Wis. State legislature, session of 1874; and during the war of the rebellion served in the U. S. army in the capacity of first ass't surg. of the 37th reg. Wis. vols., detailed to hospital duty at Camp Randall. He has also acted as surgeon-in-charge of the branch (Harvey) U. S. army general hosp., Madison, Wis. He entered the service of the U. S. army, Jan. 1st, 1864, and was discharged, June 20th, 1865, at the close of the war. He was married, March 18th, 1852, to Caroline L. Jenkins, of Ellicottville, Cattaraugus co., N. Y.

BELL, SYLVESTER D., Millerstown, Pa., was born at Brady's Bend, Armstrong co., Pa., June 30th, 1847, and is of native extraction. His literary education was acquired at academies in West Sunbury and Butler, Butler co., Pa. He was prepared for a professional career in Cleveland med. coll., and graduated from that institution in February, 1874. He then entered at once upon the active practice of his profession at Millerstown, Pa., where he still resides. He is president of the Butler co. med. soc., elected January, 1877; was secretary and treasurer of that body in 1876, elected January, 1876; and is a member of the med. soc. of the State of Pa. His "Report" of Butler co. med. soc., to State med. soc., in 1876, was published in the Transactions of that body for the same year. He was married Dec. 21st, 1871.

PLACE, NELSON, JR., New York, was born March 11th, 1839. His parents were American, and his ancestry of English, French, and Scotch birth. His early education was received in the Mechanics' Society's school, New York, and in Brooklyn. He graduated A. B. from the New York univ. in 1862, A. M. in 1865, and from the New York med. coll. in March, 1874. He settled in New York in the practice of general surgery, and has performed many major and minor operations. He is a member of the New York co. med. soc., and of the East River med. asso.; and has contributed occasional reports of post-mortems, and operations, to the medical press. He is med. director, State of New York, G. A. R.; is surgeon of the 8th reg., 3d brigade, 1st division N. Y. State national guards; was brevetted lieutenant-colonel in 1868, and colonel in 1877. He is phys. of the mutual aid asso.; is surg. of the German Am. dispensary; was surgeon of the Union home and school, New York, for the maintenance of soldiers' children for five years; and has been for some time surgeon of the founderies, and other business associations and firms, of New York city. In September, 1857, he married Mary Ida Robinson, of New York.

FAIRBAIRN, THOMAS ALLEN, Detroit, Mich., born in Edinburgh, Scotland, March 31st, 1829, educated at public and private schools, graduated in medicine from the Bellevue hosp. med. coll., New York, in March, 1867, and settled in Detroit as an oculist and aurist. He is a member of the Mich. State and county med. socs., and was treasurer of the latter in 1876. He acted as volunteer phys. at City Point, in the field hospitals, after the battle of Richmond. He married in September, 1856.

BROWN, JOSEPH C., Urbana, O., was born in Leesburg, Va., Feb. 9th, 1814. His literary education was acquired in Urbana acad. in his native place, and he was prepared for a professional career in Ohio med. coll., Cincinnati, whence, after pursuing a course of studies in medicine, he graduated in 1845. His first place of settlement was at West Liberty, O., where he established himself in 1845; in this place he remained until 1852, the date of his return to Urbana, O., where he has since resided. He is a member of the Champaign co. med. soc., O.; of the Ohio State med. soc.; and of the Am. med. asso. July 18th, 1864, he was elected treasurer of Champaign co. med. soc., and re-elected to fill the same position, 1866 and 1870; June 15th, 1870, he was elected vice-president of the Ohio State med. soc.; and Dec. 17th, 1875, was appointed examining surgeon of the pension department. He was married July 25th, 1846.

HAYDEN, GEORGE WASHINGTON, Cleburne, Texas, was born in Lumpkin, Ga., Jan. 9th, 1839, and is of native, southern Georgia, extraction. He was prepared for a professional career at Atlanta med. coll., and graduated from that institution in the spring of 1858. His first place of settlement was at Grieville, Ala., whence he removed to Butler in the same State, afterward taking up his residence in Waco, Texas, finally establishing himself in practice at Cleburne, Texas. While a general practitioner, he has paid especial attention to surgery, and operated for atresia-vagina, lacerated perineum, vesico and recto-vaginal fistula, paracentecis thoracis, successfully. He is a member of the Texas med. asso.; of

the Waco med. asso.; of the Johnson co. med. asso.; of the examining board, etc., etc. During the civil war he held the office of army surgeon. In his experience as a medical practitioner, he has devoted considerable time and attention to microscopical and chemical experiments.

CAMPBELL, JOHN ALEXANDER, Shuqualak, Miss., born at Chesterfield, S. C., June 30th, 1819, is of Scotch extraction, his parents having emigrated from Scotland to Carolina in the early days of the republic. His literary education was acquired at the Gwinnett high school, Ga., and he prepared himself for his professional career at the univ. of La. His first place of settlement was in the vicinity of Shugualak, Miss. He is one of the original members of the Noxuba co. med. soc., and is also a member of the State med. asso., treasurer of the same body two terms. A few days after the organization, in 1861, of the 5th Miss. reg., Confederate States army, he was appointed its ass't surg., and at the battle of Shiloh was promoted to a surgeoncy, by order of Gen. Bragg, "for efficiency on the field." He served in that capacity until the end of the war, during which time he performed many operations, amputations, resections, ligations, etc., etc. He was married May 20th, 1849.

BREYSACHER AUGUSTUS L., Little Rock, Ark., of German descent, was born, Feb. 2d, 1831, at Canton, O. He was educated at the St. Xavier coll., Cincinnati, O., and graduated from the Mo. med. coll., St. Louis, in December, 1859, practising one year in the U. S. army at Camp Alert, Kansas, and then going to St. Louis, Mo., whence he left, in November, 1861, for the Southern Confederacy, settling after the war in Little Rock, Ark. He is a member of the Little Rock coll. of phys. and surg.; of the State med. soc. of Ark., of which he has been treasurer, and of the Am. med. asso.; and was a delegate to the International med. congress, at Philadelphia, in 1876. In 1859 and 1860 he was acting ass't surg. in the U. S. army, afterwards surg. in the Confederate army, serving as med. director of Hardee's corps during 1863, 1864, and 1865. He married, in 1867, Carrie D. Pynchon, of Huntsville, Ala.

HEWLETT, PETER V. P., Newark, N. J., was born in that place Dec. 3d, 1846. He graduated in the class of 1867–68 from the univ. of N. Y., and entered upon the active practice of his profession in Newark, N. J. He is a member of the N. J. med. soc.; of the Essex co. district med. soc.; of the Newark med. asso., secretary 1869–70, president 1871–72; of the Newark patholog. soc.; and of the N. J. acad. of med., secretary and curator from 1874 down to the present time. From 1868 to 1874 he was attending phys. Newark city dispensary; since 1873 has filled the office of attending phys. to St. Michael's hosp.; and since 1874 has been curator of the same institution. From January, 1876, down to the present time he has also been a member of the board of education, city of Newark, N. J.

CHURCHILL, ASA HOPKINS, West Meriden, Conn., was born at Litchfield, Conn., Sept. 8th, 1831, and is the only son of Hiram and Naomi Churchill. He acquired his literary education at Hopkins grammar school, New Haven, Conn., and entered upon a course of studies in medicine in the med. dep't of Yale coll.; date of graduation from that institution, January, 1857. His first place of settlement was at New Haven, Conn., where he remained two years; at the expiration of that period, in 1859, he removed to Meriden, Conn., where he has since permanently resided, actively engaged in professional labors. He is a member of the Conn. med. soc., fellow in 1862–67–72. In 1862 he was one of the surgeons appointed by the surgeon-general to grant certificates of exemption from draft, for the county of New Haven, Conn. He is now, and has been for many years past, phys. to the State reform school of Conn., and is phys. also to the poor of the town. He was married, April 19th, 1854, to Harriet A. Smith.

HEERY, DANIEL O. C., Augusta, Ga., was born in Savannah, Ga., Aug. 21st, 1832, and is of American and Irish-French extraction. He is a graduate of Georgetown, D. C., coll., and of the Savannah (Ga.) med. coll.; date of graduation March, 1856. His first place of settlement was at Savannah, Ga., whence he removed to Atlanta, in the same State, taking up his residence ultimately at Augusta, Ga. While a general practitioner, he bestows much time and attention upon diseases of women and children; and has removed several uterine tumors, etc. He was at one time a member of Savannah med. soc.; in 1861 was president of the Atlanta (Ga.) med. soc.; is a member of the Augusta library and med. soc.; and of the Ga. State med. asso. His contributions to medical literature consist of various original articles, written at different times, and published in medical journals. During the war of the

rebellion he was surgeon-in-charge of Heery hosp., Atlanta, Ga., etc., etc., and inspector of hospitals. He was married, in 1861, in Aiken, S. C., to M. Caroline Hall, daughter of Major Henry T. Hall, of Charleston, S. C., by whom he has had five children.

DU BOIS, HENRY AUGUSTUS, New Haven, Conn., was born, Aug. 9th, 1808, in New York city, at what is now known as the corner of First avenue and First street, but which was then the country residence of his father, Cornelius Du Bois. He is the sixth lineal descendant of Jacques du Bois, a French Huguenot, who took refuge in Holland, and in 1675 came over with the Dutch settlers to Kingston, Ulster co., N. Y., bringing with him his infant son, Pierre du Bois, born in Leyden, and who afterwards became the founder of the first Reformed Dutch Church in Poughkeepsie, and also of the one still existing in Fishkill, N. Y. On his mother's side he is the sixth in descent from John Ogden, who was born in North Hampton, England, in 1610, and represented South Hampton, Conn., in 1659, and during the Dutch rule was virtually the governor of the English portion of the province, and who afterwards settled in New Jersey and built the first house in Elizabethtown. (See "Hatfield's History of New Jersey.") In 1817 Henry Augustus Du Bois entered the French military acad. of Louis Bançel, a royalist refugee of the first French revolution. In 1822 he left the academy, and in 1823 entered Columbia coll. of New York. Aug. 7th, 1827, he was graduated A. B. of Columbia coll. Oct. 23d, 1830, he was graduated M. D. of the coll. of phys. and surg. of New York, and the same year was appointed house phys. to the New York hosp. Oct., 1831, he went to Europe to complete his medical studies. In Paris he attended the clinical courses of Louis, Andral, Chomel, and Broussais, in medicine; and of Dupuytren, Lisfranc, Roux, Velpeau, and Amussat, in surgery. He was an intimate friend of Louis, and his private pupil in auscultation. He was the private pupil of Amussat in practical surgery, and of Mde. La Chapelle in obstetrics. He was also the private pupil of the celebrated Elie de Beaumont, with whom he made many geological excursions. In 1831, shortly after his arrival in Paris, he was made a member of the Polish committee, which met weekly at the house of its president, Gen. Lafayette, or at the house of J. Fennimore Cooper, the object of the committee being to send money and men to aid Poland in her last brief but ineffectual struggle for liberty. Dr. Du Bois had formed the design of joining the Polish army, but was dissuaded therefrom by the committee, who judged the attempt futile. April 9th, 1834, he was elected, at Paris, a member of the geological soc. of France, and in the same year attended the funeral of Gen. Lafayette. He was one of the few who availed themselves of the special honor accorded to Americans of following immediately next to the body, this being the post of danger as well as of honor, for it was well known that an attempt would be made by the "Red Republicans" to obtain possession of the body in order to make it their rallying standard. The first attack was made in the Place Vendôme, and the double line of cuirassiers were forced back upon the cortege, nearly crushing Dr. Du Bois and others who were nearest to the bier. While in Europe, he made the acquaintance, and received tokens of regard and friendship from Sir Astley Cooper, Mr. Liston of Edinburgh, and from Rasori and Tomassini, the celebrated authors of the "contra-stimulant" theory of bygone days. Nov., 1834, Dr. Du Bois returned to New York, and in 1835 was appointed first on the list of physicians to the New York dispensary. Dec. 17th, 1835, he was married to Catherine Helena Jay, third daughter of Peter A. Jay, Esq., of the New York bar, by whom he has had seven sons and one daughter. Feb. 6th, 1837, he was elected member of the New York lyceum of natural history. In the fall of 1840, Dr. Du Bois, acting in obedience to medical advice, gave up the practice of medicine on account of his health, and removed to Ohio, where he had inherited a large tract of unimproved land, situated between the two branches of the Mahoning river. Upon this tract he laid out, and in a great measure built, the village of Newton Falls, which, in 1852, became a pleasant and flourishing town, well supplied with churches, schools, mills, and stores. While residing in Ohio he constantly refused to receive patients, his time being fully engrossed by more healthful and lucrative pursuits; but, from motives of humanity and love for his profession, he consented to act as consulting physician for some dozen "doctors" in the neighborhood, who frequently called upon him in urgent or obscure cases, and whose opinions and practice he took especial pains to modify and improve. One of the most skilful of them, a regular M. D., often declared publicly that all his most valuable medical knowledge had been obtained from Dr. Du Bois. In 1852 he returned to New York, in improved health, but he did not resume the practice of medicine. He accepted the position of president of the Virginia cannel coal company, whose business he continued to manage for several years, as well

as that of its successor, the Peytona cannel coal company, of Kanawha, W. Va. Oct. 14th, 1854, he removed to New Haven, Conn., for the purpose of educating his numerous family of sons, one of whom is now prof. of dynamical engineering in the scientific dep't of Yale coll. July 28th, 1864, he received from Yale coll. the degree of LL. D., signalizing him as one "qui de fide Christiana defendenda bene meritus sit," for his reply to the seven English "essayists," which was republished in London, with high eulogy, by the Dean of Carlisle; and for his "critical examination" of the scientific infidelity of Darwin and Huxley. Sept. 19th, 1864, he was elected member of the acad. of arts and sciences of Conn. Oct. 20th, 1869, he went to France, Italy, and Malta, for the recovery of his health, seriously impaired by incessant labor and hardship in Kanawha, W. Va., during the previous four years, while managing the affairs of the Peytona cannel coal company. He returned, July 5th, 1870, but was obliged to leave again, in 1872, with a portion of his family, and remained in Europe till Sept., 1874, when he returned to his residence in New Haven, where he still lives, in impaired health. Although Dr. Du Bois was prevented at first by ill health, and afterwards by other causes, from the continuous practice of medicine, he always maintained an intimate acquaintance with the profession. Immediately on his removal to New Haven he was elected hon. mem. of the med. asso. of that city, and regularly attended their weekly meetings for the purpose of conference and debate. Though he has published no contributions to the science of medicine, he may be said to have materially modified the opinions and practice of many of his professional brethren with whom he came in contact during his long and eventful career. When the scarlet fever, some forty years ago, prevailed in New York as an epidemic he took a stand directly opposite to the theory of the "books" and the current practice of the day. He considered the epidemic asthenic in its character, and unsuited to the severe antiphlogistic treatment which then prevailed. He maintained that the disease was a determinate one, and must run its regular course, and scouted the idea that it could be "jugulated" by active treatment. He treated his patients, successfully, with topical applications—quinine and a supporting regimen—while the best physicians, in the best quarters of the city, lost three out of five of bad cases, by antiphlogistic treatment. His French medical experience had prepared him to look with disfavor on what was then called the antiphlogistic practice, which consisted chiefly in bleeding, purging, calomel, and tartar emetic. There was another point in which Dr. Du Bois differed from the majority of his medical brethren. It was, and perhaps still is, a latent belief among practitioners, that there is something life-giving and disease-killing in the action of potent remedies, and that, after the force of the disease has been broken, they should still be exhibited to sustain life and confirm convalescence. In opposition to this opinion, he maintained that all our most potent and valuable remedies were, per se, life-destroying, and that their only useful application consisted in working changes in the system incompatible with the more deleterious changes which disease was working, and therefore should be withdrawn at the very earliest opportunity. His rule was that, in all acute febrile diseases, active treatment by potent remedies must be confined to the first seven or ten days from the attack. Dr. Du Bois contributed two sons to the defence of his country during the war of the rebellion, the only two who were then of age.

SWETT, JOHN LANGDON, Newport, N. H., of ancestry who immigrated from the Isle of Wight and settled in Dedham, Mass., in 1737, was born in Claremont, Sullivan co., N. H., Feb. 17th, 1810. He was educated at Wilbraham acad., Mass., and at Meriden acad., N. H., and graduated in medicine from the Jefferson med. coll. in March, 1836. He commenced practice at Newport, and has never changed his location. He is a member of the N. H. med. soc., was elected in 1841, and was its vice-president in 1873, and its president in 1874; is also a member of the Am. med. asso., elected in 1864; hon. mem. of the Cal. State med. soc., and of the Rocky Mountain med. soc. In May, 1842, he married Sarah Elizabeth Kimball, of Bradford, N. H.; she died in 1852. He afterwards married Rebecca Beaman, of Princeton, Mass.

WASHBURN, THOMAS D., Hillsboro', Ill., son of Dr. Seth Washburn, and nephew of ex-Gov. Emery Washburn, was born in Greenfield, Mass., April 25th, 1819. He was educated at Burr seminary, Vt., and Teachers' seminary, Andover, Mass.; attended lectures at Harvard, and graduated from the New York univ. in March, 1845. He first settled at Syracuse, N. Y., then at Lawrenceville, Ill., and since 1856 has been residing in Hillsboro'. He was elected a member of the Onondaga co., N. Y., med. soc. in 1846; of the Æsculapian soc., Wabash Valley, Ill., in 1850, was president in 1854; president of the Montgomery co., Ill., med.

soc. in 1860, and president of the Ill. State med. soc. in 1875. His contributions to medical literature are: "How the Public Judge of Medicine," *Buffalo Medical Journal*, 1873; "On Medical Progress," *ibid.*, 1874; "Relation of the Profession to the Press and Rostrum," *Chicago Medical Examiner*, 1874; report on "Practical Medicine," Ill. State Transactions, 1872; case of "Hydrophobia from Pus Inoculated by Hang-Nail," *Northwestern Medical and Surgical Journal*, 1854; various addresses, etc., etc. He was three years in the war of the rebellion as ass't surg. of the 126th Ill. vols., and has been for the last eighteen months post-surg. at Little Rock. In 1846 he married Ruth Joslin, of Owego, New York.

JOHNSON, ROBERT PORTER, Wilmington, Del., son of Dr. John Johnson, of Del., and grandson of Dr. William Johnson, Sr., was born in Wilmington, Oct. 11th, 1825. He graduated at Yale coll. in 1847, and pursued the study of medicine in the univ. of Pa., whence he graduated M. D. in 1850. Until 1853 he was employed on board the Southampton and Bremen line of steamers, after which date he settled in Wilmington in connection with his uncle, Dr. Robert R. Porter. He is a member of the Del. State med. soc., and of the Wilmington med. asso., has been president of the former, and is permanent secretary of the latter. He has been delegate to the Am. med. asso., etc. In 1861 he entered the service of the U. S. as surg. of the 1st Del. reg. of vols., and afterwards was on duty in a U. S. general hosp. till the close of the war. In 1865 he married Susan E. Bird.

GORDIN, JOHN, Corinth, Miss., was born in Caswell co., N. C., and is of Scottish origin. He was prepared for a professional career in Jefferson med. coll., Philadelphia, Pa., graduating from that institution in March, 1860. His first place of settlement was in Tishomingo co., Miss. He is a member of the State med. asso. of Miss.; of the Tishomingo illustri et medicos soc., treasurer from its organization to date, and twice elected its orator. His contributions to medical literature consist of "Cinchonia and its Alkaloids," "Medicine a true Science as well as an Art," etc., etc.

GILLESPIE, CHARLES B., Freeport, Pa., of Irish parentage, was born in Butler co., Pa., Oct. 13th, 1820. He was educated at the academy at Butler, and pursued the study of medicine at the Philadelphia coll. of med., and Penna. coll. of med., graduating from the former in 1854, and settled first at Brady's Bend, Pa., removing to Freeport in 1868. He is a member of the Allegheny valley med. soc. He is the author of an article on "Treatment of Poisoning from Strychnine by large doses of Bromide of Potassium," *Quarterly Journal of Medicine*. He entered the Union army in 1861 as captain of a company in the 78th reg. Pa. vol. inf., and served for three years and five months. He married in 1861.

JENNER, ALEXANDER EWELL, Crestline, O., son of Dr. Jenner, a physician of forty years standing, was born at Philadelphia, Pa., Jan. 26th, 1830. He received his education, literary and medical, at the following institutes: Oberlin coll., O.; Cleveland coll., O.; and Bellevue coll., New York; he was a student also in the New York ophthalmic school; also *ad eundem*, Miami med. coll., Cincinnati, O. His date of graduation at Bellevue, New York, was 1863. His first place of settlement was Ontario, Richland co., O., where he entered upon the active practice of his profession. He afterwards moved to Dayton, O., and Crestline, O., in which latter place he now resides. During the war he acted in the capacity of surg. of the 5th O. inf.; was district med. director of Chattanooga district on Gen. Steadman's staff, and also served on the staff of Gen. Ben. Harrison; for some time he was in charge of the hosp. at Louisville, Ky.; for ten years also he held the position of surgeon to the Pittsburgh, Fort Wayne & Chicago railroad company. From 1869 to 1874 he was a member of the Ohio senate. His contributions to medical literature consist of many essays and articles on medical and kindred topics. He was married to Anna Andrews, Washington, Tenn., June, 1851.

LACY, JOHN McCLELLAN, Cincinnati, Ark., was born at Lacy's Spring, Morgan co., Ala., Feb. 22d, 1837, and is the son of Thomas H. and Mary E. Lacy. He received his preliminary and academic education in the country schools in the vicinity of his birthplace, and at Green acad. in Huntsville, Ala.; he was prepared for a professional career at the univ. of Nashville, Tenn., graduating from that institution in March, 1861. His first place of settlement was at Cane Hill, Washington co., Ark., where he remained until the spring of 1869, at which date he removed to Cincinnati, Ark. He is a member of the Ark. State med. soc.; of the district med. soc. of northwestern Ark.; and of the Washington co. med. soc., of which body he was elected president on the first

Tuesday in July, 1877. While the civil war was in progress he entered the Confederate States army as ass't surg., and served in that capacity for some time. He was married, April 3d, 1861, to Eliza P. Bean, of Cane Hill, Ark.

TAYLOR, ARTHUR K., Hot Springs, Ark., was born, April 5th, 1818, in Oxford, Granville co., N. C. He is the son of Dr. William V. Taylor and Fannie M. H. Taylor, a daughter of Judge Leonard Henderson, chief justice of North Carolina. His three brothers, as well as his father, were physicians, and all, like himself, graduates of the univ. of Pa. He was educated at William and Mary coll., Va., and graduated in medicine from the univ. of Pa. in the class of 1840. He settled in Lafayette co., Miss., whence he removed in 1849 to Memphis, Tenn., where he remained until 1874, filling for ten years of that period the chair of anat. in the Memphis med. coll., and at the end of the period removing to Hot Springs. He married, in 1841, Mary Jane Dickens; and again, in 1856, Sue Rose, daughter of James Rose, Esq., of Memphis, Tenn.

JENKINS, JOHN FOSTER, Yonkers, N. Y., son of Hon. John Jenkins, was born, April 15th, 1826, at Falmouth, Mass. He was educated at the Roxbury (Mass.) high school, union coll., Schenectady, N. Y., and the med. dep't of the univ. of Pa., graduating in the arts in 1846, and in medicine in 1848. From May, 1849, to May, 1856, he practised in New York city, whence at the latter date he removed to Yonkers, where he has since resided. He is a member of the Yonkers med. asso., of which he has been president; of the med. soc. of the county of Westchester, of which also he has been president; of the med. soc. of the State of N. Y.; of the New York acad. of med.; of the New York obstet. soc., of which he has been vice-president; of the Am. public health asso.; and of the Am. med. asso. To the Transactions of the latter association, for 1858, he contributed a paper on "Spontaneous Umbilical Hemorrhage of the Newly Born." From August, 1861, to May, 1863, he was hospital visitor and associate secretary of the U. S. sanitary commission; and from Sept., 1873, to May, 1875, general secretary of the commission. He married, Oct. 10th, 1854, Elizabeth S. David.

ROSE, FRANCIS M., Faribault, Minn., was born in Columbus, O., March 25th, 1841, and is of native extraction. Upon completing his preliminary education he entered upon a course of studies in medicine at Starling med. coll., in his native place, graduating from that institution in March, 1860. His first place of settlement was in West Rushville, Fairfield co., O. Upon the outbreak of the civil war he entered the U. S. army (vols.), serving in the capacity of surg. until the close of the conflict; while thus engaged he was stationed for one year at Ottawa, Ill., leaving this place at the expiration of that period on account of ill health. During his term of service as surg. 43d O. vol. inf., he served part of the time as surg.-in-chief of division, also as acting med. inspector of 17th army corps, under Gen. Frank Blair. He settled in Faribault, Minn., in 1868. He is a member of the Minn. State med. soc., and has held the office of coroner. He was married in Nov., 1875, to a daughter of Bishop Whipple, of Minnesota.

NOTTAGE, GEORGE EDWARD, Portland, Oregon, was born at Providence, R. I., March 29th, 1843; his father and grandfather, both still living, were born in Boston, Mass. His academic education was acquired at the univ. of Cal., and he was prepared for a professional career in the med. dep't of that institute; his date of graduation was Oct. 29th, 1874. His first place of settlement was near Stockton, Cal., whence he removed to Oregon in March, 1875. While engaged in general practice, he makes a specialty of mental diseases. He has for some time been resident phys. of the Oregon insane asylum. During the late war of the rebellion he served four years in the U. S. army, and on one occasion received a gun-shot wound in action, which occasioned a compound fracture of the femur (middle third).

KINLOCH, ROBERT ALEXANDER, Charleston, S. C., of Scotch and Welsh descent, was born in that city, Feb. 20th, 1826. He is a graduate of Charleston coll., and, after attending the med. coll. of the State of S. C., graduated from the med. dep't of the univ. of Pa. in 1848; and spent nearly two years abroad in Paris, London and Edinburgh. He has since his return in 1855 resided in his native city. He was the first surg. of the Roper hosp. in Charleston; was formerly prof. of mat. med. and therap., and is now prof. of surg. in the med. coll. of the State of S. C.; made the first re-section of the knee-joint for chronic disease in the United States; has invented an improved urethrotome and stricture dilator; also an intra-uterine stone pessary. He is a member of the med. soc. of S. C., of which he was at one time president; of the med. asso. of the

State of S. C.; and of the Am. med. asso.; is an associate fellow of the Philadelphia coll. of phys.; and was a delegate to the International med. congress of 1876. He has contributed numerous reviews and clinical reports to the *American Journal of Medical Sciences*, and the *Charleston Medical Journal*, of which last he was formerly editor. He was a surgeon in the Confederate army, serving as med. director in the dep't of South Carolina, Georgia, and Florida; as med. inspector of hosps.; and as a member of the army examining boards at Richmond and at Charleston. He married Elizabeth Caldwell, of Fairfield, South Carolina, and has nine children.

JERNIGAN, SIDNEY BREESE, Fayetteville, Ark., was born in Jonesboro', Union co., Ill., Sept. 1st, 1848. His preliminary education was acquired at Fayetteville, Ark., and he was prepared for a professional career at St. Louis med. coll., St. Louis, Mo.; date of graduation from that institute, March, 1875. He then established himself in practice at Fayetteville, Ark. His specialty is obstetrics. He is a member of the Washington co. med. soc., Ark., secretary of that body in 1875; of the district med. soc., Ark.; and of the Arkansas State medical society.

DRAKE, NELSON A., Ossian, Iowa, born in Medina co., O., June 14th, 1842, received his literary education at Hillsdale coll., Mich., and his medical at Rush med. coll., Chicago, Ill.; graduated in Feb., 1868, and settled at Ossian, where he has made a specialty of surgery, and in which he has successfully performed many capital operations. He is a member of the Fayette co. med. soc., and is now its vice-president; and of the Iowa State med. soc. He is the author of a paper on "Antagonism between Opium and Belladonna," *Chicago Medical Journal*, 1869; "Some Forms of Indigestion," read before the Fayette co. med. soc.; "Adenia," with report of cases, read before Iowa State soc., Transactions of same. He served in the U. S. army during the rebellion. In October, 1868, he married Miss Jones, of Wales, England.

LETCHER, BENJAMIN, Henderson, Ky., was born at Point Lick, Garrard co., Ky., Sept. 27th, 1832, and is the son of Judge James H. Letcher, and Nancy T. Kennedy Letcher, daughter of Gen. Thomas Kennedy; grandson of Gen. Benj. Letcher. He received his literary education at Hanover coll., Ind., and pursued his medical studies at the coll. of phys. and surg., New York city, whence he graduated in March, 1856. He then entered upon the active practice of his profession at Henderson, Ky., where he has since permanently resided. Immediately after graduation he was appointed "interne" at the Charity hosp., Blackwell's island, N. Y. He is a member of the Henderson med. club, and has been its president since 1874; of the McDowell dist. med. soc.; and of the Ky. State med. soc. he is also a member. During the late war he held the position of ass't surg. 35th Ky. mounted infantry, and surg. of the 1st North Cumberland battalion. He was married, Sept. 7th, 1857, at Henderson, Ky., to Jane Ingram, daughter of Wiatt Ingram, Esq., and Jane C. McReady Ingram, daughter of Rev. James McReady.

GRIGGS, OLIVER BURNHAM, Willimantic, Conn., of Scotch ancestry, who emigrated to this country in 1700, and settled in Roxbury, Mass., was born in Homer, Cortland co., N. Y., Aug. 31st, 1823. He was educated at Bacon acad., Conn., and studied medicine in the med. dep't of the New York univ., graduating in March, 1847, and establishing himself first at Windsor, Conn., from 1847 to 1857, then at Mansfield, Conn., to 1876, and lastly at Willimantic, Conn., since April of the last-named year. He is a member of the Conn. State med. soc., and has contributed to various medical journals, etc. He has been for ten years attending phys. to the soldiers' orphans' home at Mansfield, Conn.; has been for thirty years a member of the board of education; and justice of the peace, judge of the probate court, town clerk, town treasurer, register, etc., during the last twelve years. In July, 1848, he married A. Eliza Norton, of Sangerfield, Oneida county, New York.

HINSEY, JOSEPH CRAWFORD, Ottumwa, Iowa, was born in Butler co., O., June 9th, 1829, and is of German and Scotch parentage. He graduated at Rush med. coll., Chicago, Ill., at the session of 1850–51, also at Pa. med. coll., Philadelphia, Pa., at the session of 1854–55. His first place of settlement was at Pekin, Ill., where he entered upon the active practice of his profession. In the fall of 1854 he removed to Wapello co., Iowa, and thence changed his place of residence to Dahlenga, where he remained until 1862; removing finally to Ottumwa, the county-seat, where he has since resided. He once operated for ovarian tumor, weight eighty-eight pounds, the patient living for two months after the

operation, dying ultimately of tubercular phthisis. He makes a specialty of diseases of women, and surgery. He is a member of the Am. med. asso.; of the State med. soc. of Iowa; and of the Des Moines valley med. soc. For four years he served as coroner of Wapello co., Iowa; was chairman of the mass-meeting that organized the Republican party in Wapello co.; and was surgeon of the board of enrolment for the 4th congressional district of Iowa during the war. He was married in Pekin, Ill., March 13th, 1851; and again in Wapello co., Iowa, July 10th, 1856.

KNOTT, JOHN M., Sioux City, Iowa, was born in Clifton, Greene co., O., March 5th, 1846. On the paternal side he is of Scotch extraction, and on the maternal of German; his parents and grandparents were natives of America. He acquired his academic education at Wittenberg coll., Springfield, O., partial course, and was prepared for a professional career in the National med. coll., Washington, D. C., graduating from that institution March 2d, 1870. His first place of settlement was at Joliet, Ill., where he took up his residence in March, 1871; March 23d, 1872, he removed to his present location in Sioux City. While attending to a general practice, he bestows special attention upon diseases of women, and diseases of the chest. He is a member of the Sioux City med. soc., Iowa, recording secretary in 1874, president during 1875–76, and again recording secretary in 1877. At various times he has read before medical societies papers on "Membranous Enteritis," "Quinia in Acute Inflammatory and Acute Infectious Diseases," "Sclerosis of the Brain," "Chloral in Puerperal Eclampsia," etc., etc. In 1865 he was appointed 2d lieut. in the 186th O. vol. inf., and on the following 10th Sept., 1865, was promoted to a 1st lieutenancy; in Aug., 1873, he was appointed to his present position as U. S. examining surg. for pensions. He was married, May 19th, 1870, to Caroline L. Van Buren, then a resident of Chatham, New York.

MCKENZIE, ALEXANDER HAMILTON, Kenzie, Yell co., Ark., was born in York co., S. C., April 18th, 1849, and is of Scotch-Irish extraction. He was educated at King's Mt. military school, and acquired his professional training in the med. dep't of the univ. of Maryland, whence he graduated March 4th, 1872. His first place of settlement was at York co., S. C., whence he subsequently removed to where he now resides. While giving attention to general practice, he has made a specialty of the treatment of enlargements of the spleen, with Fluid extract of ergot, and in this department has met with marked success. He is a member of the Ark. State med. soc.; and of the Yell co. med. asso., secretary in 1876. He was married, January 9th, 1873, to M. J. McKenzie.

HENDERSON, JAMES PATTERSON, Newville, O., of Scotch and Scotch-Irish ancestry, was born near Elizabeth, Allegheny co., Pa., Jan. 17th, 1803. His classical and scientific education was received at Jefferson and Washington colls., and he graduated at the latter in 1825. He read medicine with Dr. David Porter, of Uniontown, Pa., attended lectures at the Washington med. coll., Baltimore, in 1828, and the Ohio med. coll., Cincinnati, in 1833, and received the hon. degree of M. D. from the Willoughby univ. of Lake Erie in April, 1842. He located himself first in Shanesville, Tuscarawas co., O., in 1830, removing to Newville at the close of the same year. His practice is general. He was formerly a member of the Richland co. med. soc.; was elected a member of the Ohio State med. soc. in 1850, was its vice-president in 1868. In 1856 he was elected a member of the Am. med. asso. He is also a member of the Ohio archæolog. asso. He was also a member of the medical convention of Ohio in 1838, and one of its vice-presidents in 1847; and he is the author of a paper on "Professional Taxation," published in its Transactions for 1850. He was one of the medical censors of the Western Reserve coll., Cleveland, in 1841–42. In 1841 and 1842 he was a member of the Ohio house of representatives, and in 1850 of the convention which framed the present State constitution. In 1835 he married Anna G. Moreland, stepdaughter of the Hon. John Hoge. She died in 1866. In 1869 he married Rebecca Tarres, daughter of William Tarres, Esq., of Bellville, Ohio.

WOOD, HARVEY DOAK, Fayetteville, Ark., born near Fayetteville, Washington co., Ark., Jan. 8th, 1847; graduated from the St. Louis med. coll. in March, 1872, and settled first at Maguire's Store, then at Farmington, and finally in Fayetteville, Washington co. He is a member of the Ark. State med. soc.; of the Washington co. med. soc.; and of the district med. soc. of northwest Ark., and treasurer of the county society for three years, and of the district society one year. He married in June, 1871.

ATLEE, WASHINGTON LEMUEL, Philadelphia, Pa., born at Lancaster, Pa., Feb. 22d, 1808, was the youngest son of William Pitt Atlee, and grandson of the Hon. William Augustus Atlee, one of the early judges of the Supreme court of Pa., his term extending from 1777 to 1793. His maternal grandfather was Major John Light, an officer in the revolutionary war. As early as fourteen years of age he was placed in a dry goods store, but dissatisfied with the prospect of a commercial life, he entered after eighteen months the office of his brother, Dr. John L. Atlee, of Lancaster. He there devoted his time to the study of the classics, natural sciences, and the preliminaries of his profession. He received his diploma in 1829, from the Jefferson med. coll., Philadelphia, in which city he was a private pupil in the office of George McClellan, M. D., prof. of surgery. Soon after graduation he married Miss Ann Eliza Hoff, of Lancaster, and settled in the village of Mount Joy. Here he organized a literary society, delivered lectures on various scientific topics, and pursued the study of botany. In the autumn of 1834 he returned to his native city, and for ten years devoted himself with ardor and success to the practice of his profession and the pursuit of some of its higher and more abstract departments. Among the latter should be mentioned the remarkable series of experiments carried out at his suggestion on the body of an executed criminal, named Moselman, reported in the *American Journal of Medical Science*, for 1840. An invitation to fill the chair of med. chemistry in the med. dep't of Pa. coll., at Philadelphia, led to his removal to that city in 1845. He soon became engaged in an extensive private practice, which increased so rapidly that, in 1853, he resigned the professorship, and since that time has given his whole attention to the demands of his patients. This has not prevented him, however, from taking a warm interest in the general welfare of the profession, and he is well known as an active member of the county med. soc., president in 1874; and State med. soc., president in 1875, and the Am. med. asso., its vice-president. A brilliant extempore speaker and an able debater, his weight has always been cast in favor of a higher medical education, and a broad and liberal construction of the rights and duties of medical life. As a practitioner, he is most famous for his advocacy of the difficult operation of ovariotomy. Commencing its performance and defending its propriety at a period when hardly another surgeon in the land dared support him, he has triumphantly vindicated its merits by the statistics of over three hundred cases in his own hands, a large part of them successful in all respects. But one other operator in the world has surpassed him in the experience of such operations, and now all enlightened surgeons recognize it as an invaluable resort in the desperate cases to which it is applicable. From his own history of ovariotomy, sketched in his annual address as president, before the Philadelphia co. med. soc., we cull the more important facts. To Dr. Ephraim McDowell is accorded the honor (now generally conceded) of being the first to perform the operation, in the year 1809. Dr. John L. Atlee, of Lancaster, Pa., brother of the subject of this sketch, performed it on June 29th, 1843, on an unmarried lady, aged twenty-five years. This was the first time that both ovaries were removed. The patient is still (1878) living, and in excellent health. Being associated with his brother in the case, Dr. W. L. Atlee commenced studying the literature of the operation, and spent considerable time in collecting and collating all that had any bearing on the subject. He believes that everything that had ever been reported was thoroughly gleaned from every part of the world. The result of this great labor was the publication of one hundred and one operations in the *American Journal of the Medical Sciences*, April, 1845, page 330. In this table he at first placed three names—L'Aumonier, Dzondi, and Galenzowski, before that of McDowell. These cases, although associated with the ovary, were not cases of ovariotomy. So of the Houston case, exhumed from the Philosophical Transactions, abridged, vol. vii., p. 541, and transferred to the *American Journal of the Medical Sciences*, April, 1849, p. 534, as a case occurring in British surgery in 1701. This unjustly accorded the English profession the priority in ovariotomy. A new edition of his table, containing two hundred and twenty-two cases, was published in 1851 in the Transactions of the Am. med. asso., for that year, p. 286. Dr. Atlee performed his first operation, March 29th, 1844, on a married lady sixty-one years of age. It proved fatal. Respecting the case he says: "It was on the banks of the Chicquesalunga, Lancaster county. In travelling westward on the Pennsylvania central railroad, soon after passing Landisville station, a small stream is crossed, on the opposite bank of which and on the right-hand side stands a one-story brick tenement (within the last year raised to two stories). It was in this house, after many days and nights of intense anxiety, that I first essayed this operation. I can never pass it without emotion. It is the text for many, many thoughts. No one can

know the mental and moral conflicts of that hour, and I cannot describe them. In that humble spot began the great battle of my professional life, a battle, on my part, unsought, yet firmly maintained on the defensive; because, although this effort was unfortunate, I had weighed the matter well, and my convictions were on the side of humanity and duty. With the axiom that truth must prevail, I determined to take my position." His second operation was performed in the city of Lancaster, Aug. 28th, 1844, on an unmarried lady twenty-four years of age. She recovered. In his published record of this case in the *American Journal of the Medical Sciences*, April, 1845, p. 324, Dr. Atlee said: "I pledge myself to the profession to treat this subject in all truth and candor; to falsify, omit, or withhold nothing; and to write down errors, if such there be, in honesty and without fear—taking censure when deserved. In the decision of a matter of such weight to humanity, personal sacrifices ought to be utterly disregarded. If this operation is to be established, it must be on correct statements; if it fail on such testimony, it fails justly and forever. But if its establishment be attempted on falsified reports and withheld facts, then human life must fall a sacrifice to personal and professional dishonesty, and the effort must necessarily die, covered with a mantle of human gore. Let the question, therefore, be met as it ought to be, and its history be a record of truth." This pledge he ever faithfully observed. His third operation, the first case in Philadelphia, was performed, March 15th, 1849. Upon moving to Philadelphia he found ovariotomy everywhere decried. It was denounced by the general profession, in the medical societies, in all the medical colleges, and was even discouraged by the majority of his own colleagues. He was misrepresented before the medical public, and was pointed at as a dangerous man, even as a murderer. The opposition went so far that a celebrated professor, in his published lectures, invoked the law to arrest him in the performance of the operation. It was his custom from the first to invite members of the profession to witness the operation, in order that they might be able to form a proper opinion of its character, and to judge of its propriety. It was, however, a rare circumstance, during the probationary stage of the operation, for any one to accept the invitation cordially and gratefully. Some did so, coldly; others politely declined; others positively refused, and emphatically condemned the operation, while others took the invitation as an insult. But after ovariotomy began to grow into favor, and since it has taken a position in legitimate surgery, an opportunity to witness it is sought after by those very individuals who were disposed to condemn it. The strongest opposition came from those who had never seen the operation, who would not consent to see it, and who consequently knew nothing about it; while those who reluctantly ventured to witness it, as a general rule, gradually modified their adverse opinions, and finally became advocates of it. "Gentlemen," says the doctor, "who were bold enough to witness the operation, were even directly accused by their professional acquaintances of being 'particeps criminis' in committing murder, notwithstanding these murdered patients recovered! Some, high in the profession, against all ethical considerations, would call upon patients who had fully decided upon the operation, for the purpose of warning them against me and certain death. The day before I operated upon my first patient in Philadelphia an eminent surgeon called upon her to assure her that she would certainly be dead in twenty-four hours. Twenty-four hours after the operation I requested him to visit her, and her condition was such that he would not believe that she had been meddled with until I exposed the wound. This lady is still living in good health, and since then has survived two miscarriages, the removal of an immense tumor from the neck, and an operation for cataract in both eyes. Another medical gentleman, whose patient came to me against his positive remonstrance, attended the operation for the express purpose of being with her when she died on the operating table. She did not die and still lives, although both ovaries were removed; and he left the room a convert to ovariotomy." Particular mention was made by Dr. Atlee, in the course of his address, of the vehement opposition encountered at the hands of Professors Thomas D. Mütter and Meigs, of Philadelphia, and Prof. Joseph B. Flint, of Louisville, and also of the sympathy and support received from such men as Prof. William R. Grant, Drs. T. M. Drysdale, and George McClellan, Professors S. D. Gross and N. Chapman, and Prof. Mussey, of Cincinnati. Other distinguished men who then or later indorsed the operation were Drs. Henry H. Smith and Hugh L. Hodge. In May, 1852, by invitation from him, a committee from the Northern med. asso., consisting of Drs. Remington, Bryan and Levis, witnessed the operation in the case of a patient who would have died soon after any operation, and perhaps as soon without one, as was in fact admitted in their re-

port, which concluded with an earnest recommendation for the adoption of the subjoined resolution: "*Resolved*, That this association, in view of the numerous fatal results ensuing upon ovariotomy, and the many disasters arising from errors in diagnosis, unreservedly deprecates the frequent performance of this operation as detrimental to the best interests of science, and fraught with the most imminent hazard to life." At a meeting of the society, held Sept. 16th, 1852, the committee reported progress; at another, on Oct. 7th, the report was postponed; at a third, on Oct. 21st, the report was made and the resolution postponed for discussion until the next meeting. That occurred Nov. 18th, when a resolution, thanking Dr. Atlee for his courtesy in inviting a committee of the association to witness the operation, was adopted as a substitute to that reported by the committee. Thereupon, on motion of Dr. Remington, the following preamble and resolution were adopted: "*Whereas*, This association, considering the great mortality resulting from ovariotomy, the extreme obscurity of diagnosis, the weight of authority against it, and the uncertainty of published statistics; therefore, *Resolved*, That, although cases have occurred and may occur where the operation was advisable, this society cannot approve of a general resort to gastrotomy for the removal of ovarian tumors." Of the members of the committee, Dr. Bryan subsequently recognized ovariotomy by calling Dr. Atlee in consultation in cases of abdominal tumors, and Dr. Levis has himself practised the operation. Dr. Remington died before the operation met with general recognition. The position held by Dr. Atlee in relation to another great operation, viz., the removal of uterine fibroids, is well defined by two distinguished men. Prof. Pallen, in his prize essay presented to the Am. med. asso. in 1869, says: "In 1853 Dr. Washington L. Atlee startled the profession by his method of heroically attacking uterine tumors with the knife. . . . . His successes were numerous, and the ingenuity of his devices is deserving of the highest commendation." And Dr. J. Marion Sims, in the *New York Medical Journal*, April, 1874, says: "The name of Atlee stands without a rival in connection with uterine fibroids. His operations were so heroic that no man has as yet dared to imitate him. A generation has passed since he gave to the world his valuable essay on the surgical treatment of fibrous tumors of the uterus: but it is only within the last five or six years that the profession have come to appreciate the great truths which he labored to establish. Meadows, of London, and Thomas, of New York, have each achieved splendid results in this direction, and made valuable contributions to our literature. A few isolated cases of fibroid enucleation have been published by others, and this is about all that we can boast of since Atlee first led the way for us." As an author he has contributed numerous scientific articles to the *American Journal of Science and Arts*, the *American Journal of Medical Sciences*, the *Medical and Surgical Reporter*, and the Transactions of various medical associations; the prize essays of the Am. med. asso. in 1853 included one written by him, entitled "The Surgical Treatment of Certain Fibrous Tumors of the Uterus, heretofore considered beyond the Resources of Art." His extended experience in ovariotomy was summed up in his work: "General and Differential Diagnosis of Ovarian Tumors, with Special Reference to the Operation of Ovariotomy; and Occasional Pathological and Therapeutical Considerations," pp. 482, J. B. Lippincott & Co., Philadelphia, 1873. Among his published addresses and papers may be specially cited the above alluded-to history of ovariotomy in Philadelphia, entitled "A Retrospect of the Struggles and Triumphs of Ovariotomy in Philadelphia," delivered Feb. 1st, 1875; that of "Old Physic and Young Physic: Some of the Changes of the Past Half-Century Contrasted and Compared, and their Advantages Estimated," delivered in 1875 as president of the med. soc. of the State of Pa.; a paper on "The Treatment of Fibroid Tumors of the Uterus," read before the International medical congress, Philadelphia, in Sept., 1876; and a paper on "Sarcoma of the Ovaries," read before the American gynæcological soc. in 1877.

FELL, JOHN ADAMS, Centreville, Pa., was born in Buckingham, Bucks co., Pa., Oct. 21st, 1850. His preliminary education was acquired at Doylestown seminary and Lafayette coll., and he was prepared for a professional career in the med. dep't of the univ. of Pa., Philadelphia, Pa.; date of graduation from that institution, 1874. His first place of settlement was at Philadelphia, Pa., whence he moved to Buckingham, Bucks co., Pa. He is a member of the Bucks co. med. soc., Pa., and holds the office of corres. secretary in that body.

CRARY, DAVID, Hartford, Conn., was born at Wallingford, Vt., April 18th, 1806. He was educated at Castleton in his native State, and graduated M. D. in the fall of 1834. His first place of settlement was at Dorset, Vt., whence he removed to Hart-

ford, Conn., in 1838. He is a member of the Conn. med. soc.; has been a member of common council, Hartford, Conn.; chairman of the fire department; coroner, health officer, president of board of education, and is at present a director in the City national bank, and a member of the water board, Hartford, Conn.

CRARY, DAVID, Jr., son of Dr. David Crary, Hartford, Conn., was born in that place, April 27th, 1842. Upon the completion of his preliminary education, he entered upon a course of medical studies in the med. dep't of Yale coll., graduating from that institution, Jan. 13th, 1869. He is a member of the Conn. med. soc.

RISTINE, HENRY, Cedar Rapids, Iowa, was born, Sept. 21st, 1818, at Madison, Ind. He is the son of Major Henry Ristine, who settled in Kentucky about the beginning of the present century, and served under Gen. Harrison in the war of 1812. He was educated at the Wabash coll., Crawfordsville, Ind., and graduated at the Ohio med. coll. in 1852. He located at Marion, Iowa, in 1842, from which, in 1873, he removed to Cedar Rapids. He is a member of the Linn co. med. soc.; of the Iowa union med. soc.; of the Iowa State med. soc., of which he was elected president, July 1st, 1877; and of the Am. med. asso. He has contributed various papers to the *New York Medical Record*, the *Chicago Medical Journal*, and other medical periodicals. In Aug., 1863, he was commissioned surg. of the 20th reg. of Iowa infantry, resigning in July, 1864. He was appointed in Sept., 1864, U. S. examining surg. for pensions, an office which he still holds.

RISTINE, JOHN M., son of Dr. H. Ristine, was born at Marion, Iowa, Oct. 17th, 1847; received his literary education at Wabash coll., Ind., and graduated from Bellevue hosp. med. coll. in 1876. He is associated in practice with his father, and is a member of the Iowa State and Iowa union med. socs.

HERNDON, BRODIE S., Savannah, Ga., was born at Fredericksburg, Va., July 7th, 1810, and is the son of Dabney Herndon, Welsh extraction. His preliminary education was acquired at the common schools in his native place, and he was prepared for a professional career in the med. dep't of the univ. of Md., graduating from that institution in April, 1829. He then established himself in the practice of medicine at Culpepper Court-House, Va., where he remained for a period of ten years; from 1840 until the outbreak of the civil war he was a resident and general practitioner of Fredericksburg. He then entered the Confederate service in 1863, as surgeon, and served in hospitals and on boards in Richmond, until the close of the conflict, April, 1865. In the course of this year he returned to civil practice in Fredericksburg, remaining there until Nov., 1868, the date of his removal to Savannah, Ga. In midwifery he has used the forceps ten times in about six hundred cases, and has had five cases of placenta prævia, in four of which life was manifestly saved by instant feet delivery. He has also had two cases of ruptured uterus, both fatal, and one case of Cæsarean section in which the mother was saved (this case was reported in the *American Journal of Medical Science*, 1852.) Puerperal convulsions have been treated by him with fair success by free bleeding, purging, and forced delivery. "He began practice as a disciple of Rush, and a pupil of Potter, and bled for everything, and believes in the maxim of Chomel, 'Take care of the patient, the disease will take care of itself.' In the treatment of diseases of women, he considers that the abuses of the day are enormous, and that in nine cases out of ten, the speculum uteri is used unnecessarily."

HERNDON, JAMES CARMICHAEL, deceased, son of Dr. B. S. Herndon, late of Savannah, Ga., was born at Culpepper Court-House, Va., Sept. 22d, 1831. He acquired his literary education in the univ. of Va., and was prepared for a professional career in Jefferson med. coll., Philadelphia, Pa., graduating from that institution in the spring of 1852. He subsequently entered the U. S. army as ass't surg., and from 1855 to 1862 was on duty at western posts; he then resigned his position in the army, espoused the Confederate cause, and served through the war, on Gen. Lee's staff, from 1862 to 1865. He was a member of the Ga. med. soc. of Savannah. He was married in Feb., 1865, to Miss Lightfoot, of Culpepper Court-House, Va., and died Oct. 16th, 1877, whilst in discharge of his duty as volunteer phys. during the prevalence of the yellow fever epidemic at Fernandina.

FILES, CHARLES OLIN, Portland, Me., son of W. P. Files and Anna Lombard Files, was born in Portland, Me., Feb. 12th, 1847; was educated at Portland high school and Harvard coll., from the latter graduating A. B. and A. M. in 1868 and 1872. He studied medicine at the univ. of

Pa., and at the coll. of phys. and surg., New York, graduating M. D. in March, 1870. He established himself in Portland in a practice largely surgical. Among the important cases which he has successfully attended was one in which he removed both legs, one above and the other below the knee, the injury being result of a railroad accident. Two months after, as a result of osteo-myelitis, he removed six inches more of each leg. He is a member of the Me. State med. asso.; of the Cumberland co. med. soc.; and of the Portland med. club; of the last he is first vice-president. He has contributed various papers to the societies of which he is a member on medical subjects, etc. He was for three years phys. to the State reform school, and also dispensary phys. for three years. In October, 1871, he married Julia E., daughter of Capt. J. B. Coyle, of Portland.

BABCOCK, JAMES LEONARD, Albany, N. Y., was born in the town of Bethlehem, Albany co., N. Y.; his father, of English extraction, was born in the State of Rhode Island; his mother, of Scotch descent, was a native of Armagh, Ireland. He was educated primarily at the district (public) school of his native place, and was also the recipient of special instruction in Latin. Upon the completion of his literary studies he prepared himself for a professional career in Albany med. coll., whence he graduated January, 1850. He subsequently established himself in the practice of his profession, 1851, in Albany city, Albany co., N. Y., and has since permanently resided there. He is a general practitioner of medicine and surgery; but "from circumstances attending his professional life" has been obliged to bestow much time and special attention upon diseases of children, diseases of the chest, and affections of the nervous system. In 1851 he was elected a member of the Albany co. med. soc.; in 1863–64 he was appointed by Governor Seymour medical commissioner for the State of New York, and again in 1865 was appointed, by Governor Fenton, to fill the same position. In 1864 he was elected a member of the Albany institute; for seven years he has been a member of the board of public instruction, elected upon the organization of that body in 1866; is a member of the Am. public health asso.; has been for a period extending over seven years a member of the board of health of the city of Albany; in 1869 was elected president of the Albany co. med. soc.; in 1870 was elected a permanent member of N. Y. State med. soc.; since 1872 has officiated as medical censor for the eastern district, Albany, N. Y.; is lecturer on diseases of children in the Albany med. coll.; and phys. to the county hosp. and insane asylum by virtue of being city phys. He has also been a member of the Albany patholog. soc. His contributions to medical literature consist of "Essay on Epidemic Cholera," "Address on the Life and Character of Alden March, M. D.," 1869, "Essay on Scarlatina and Diphtheria," "Typhoid Fever," "Reports of Cases," etc., etc. He is now preparing a paper on "Aphasia" for the State or county soc., perhaps for both. He was married, in August, 1852, to Mary A. Vosburgh.

JACKSON, ROBERT DANDRIDGE, Selma, Ala., was born in Dallas co., Ala., Dec. 12th, 1830. His paternal ancestors were originally from Virginia, and his father moved to Alabama in 1820; his maternal ancestors were originally from North Carolina; his grandmother was a Boone, and was closely related to the famous Daniel Boone. He received his literary education at Centenary institute, Summerfield, Dallas co., Ala., and entered upon a course of studies in medicine in Charleston med. coll., S. C., graduating from that institution in March, 1852. His first place of settlement was at Summerfield, Dallas co., Ala., but at the conclusion of the civil war he removed to Selma, Ala., where he has since permanently resided, actively engaged in the practice of his profession. In 1862 he joined the Confederate States army as a private, and was afterward promoted to an ass't surgeoncy in his regiment; at the expiration of two years, passed in active service on the field, he was assigned to hospital duty at Ringgold, Ga., in which department he served constantly until the close of the conflict. He is a member (a counsellor) of the Ala. State med. asso., and also of the Dallas co. med. soc., Ala., for ten years past; and for several years has been a member of the Ala. State med. asso. With the exception of various cases reported to Dallas co. med. soc., etc., etc., he has made no especial contributions to medical literature. He was married in July, 1854, to a daughter of A. H. Mitchell, D. D., who was for a number of years president of the Centenary female coll., at Summerfield, Dallas co., Ala.

HUNTINGTON, ELIPHALET, Windham, Windham co., Conn., was born in Windham, March 3d, 1816. He received his medical education in the med. dep't of Yale coll., and in the med. dep't of Dartmouth coll., graduating from the latter in 1847. He established himself first in Chicopee, Mass., then in Plainfield, Conn., and for

the last sixteen years has been in Windham. He is a member of the Conn. State med. soc. In his early years he was connected with the Windham bank, the Middletown bank, Middletown, Conn., and with the Phœnix bank, Hartford, Conn.

LOWMAN, JOHN, Johnstown, Pa., was born at Greencastle, Franklin co., Pa., Feb. 13th, 1817, and graduated from Jefferson med. coll., Philadelphia, Pa., in March, 1850. He then moved to Johnstown, Cambria co., Pa., where he entered upon the active practice of his profession. While a general practitioner, he has devoted, especially in the earlier part of his career, particular attention to surgery. He has from time to time acted as surg. for the old Portage railroad, and at the present time holds the position of surgeon on the Pennsylvania railroad. He is a member of the State med. soc., Pa., and of the Am. med. asso.; and is president of the Cambria co. med. soc. He is also president of the Johnstown gas company, and a director of the Johnstown water-works. He was married, April 25th, 1840, and again in June, 1858, his first wife dying April 10th, 1842, his second March 2d, 1875.

LOWMAN, WEBSTER B., Johnstown, Pa., son of Dr. J. Lowman, was born in Indiana, Indiana co., Pa., March 25th, 1841. He received his literary education at Burlington coll., N. J., and in March, 1867, graduated from the Jefferson med. coll., Philadelphia, Pa. He subsequently moved to Johnstown, Cambria co., Pa., where he has since permanently resided, actively engaged in professional labors. He is a member of the Cambria co. med. soc.; surg. of the Pennsylvania railroad; surg. Cambria iron company; and U. S. pension examining surg. During the war he served as hospital steward, 3d reg. Pa. vols., for three months; was first sergeant Company K, 136th reg. Pa. vols., Aug. 27th, 1862, to Feb. 19th, 1863; in the course of the latter year was promoted to second lieutenancy, and then to a captaincy, April 21st. He was married July 3d, 1869.

BARTLESON, SAMUEL P., Clifton Heights, Pa., born of American parents, at Radnor, Delaware co., Pa., Dec. 27th, 1830, was educated at the Treemount acad., Norristown, studied medicine at the Jefferson med. coll., Philadelphia, and graduated in March, 1854. He first located himself in general practice in Harford co., Md., removing to Springfield, Delaware co., in 1856, and finally to Clifton, in the same county, in 1857. He is now vice-president of the Delaware co. med. soc., having been elected to that office in January, 1877, and is the author of a report on "Typhoid Fever Outbreak from Supposed Contaminated Milk," published in *Philadelphia Medical and Surgical Reporter*. In January, 1857, he married Ruthanna, daughter of Charles Leedom, Esq., of Radnor, Delaware co., Pa.

DUBOIS, AMOS SUMNER, Auburn, Cal., of Huguenot and New England ancestry, was born in Allegheny co., N. Y., March 8th, 1828. He was educated in the seminary of Milan, O., and studied medicine at the (Toland med. coll., now the) univ. of Cal., San Francisco, and at Bellevue hosp. med. coll., N. Y., graduating at the former in March, 1865, and in the latter in March, 1875. He settled first in Lincoln Placer, Cal., then Auburn, as phys. and surg. of the Placer co. hosp. In 1875 he removed to San Leandro, Alameda co., and in 1876 was appointed phys. and surg. to the Alameda co. hosp., a position he still holds. He is a member of the State med. soc. of Cal., and has contributed reports of a few cases to the State med. soc.

BOOTH, CHARLES ERWIN, Elroy, Wis., of English and German ancestry, was born, July 1st, 1840, in Dutchess co., N. Y.; graduated at the Rush med. coll., Chicago, Ill., in January, 1871, and settled in Janesville, Rock co., Wis. He is a member of the Wis. State med. soc.; of the Franklin co. med. soc.; and of the Juneau co. med. soc., of which he was secretary for four consecutive years, beginning with 1872, and was elected president in 1877. Since 1872 he has been health officer of the town of Plymouth, Juneau co., Wis.; was a member of the State legislature in 1876; and is at present chairman of the Republican town committee. During the civil war he was connected with the med. dep't of the Federal army in the dep't of Virginia, at the Augur general hosp., near Alexandria, in that State. He married, in January, 1864, Helen J. Shevonway, of Rock co., and has one child, a daughter.

GABRIEL, J. FRANK, Piqua, O., was born near Zanesville, Muskingum co., O., Sept. 24th, 1825. His literary education was acquired chiefly at a seminary in Columbus, O.; he graduated first from Starling med. coll., Columbus, O., March 3d, 1851; subsequently, in 1855–56, attended one full course of lectures in univ. med. coll., New York city, receiving a diploma from Prof. Aylette, examiner for the class, and one also from the institution for treatment of diseases of the

eye. He spent the years 1858–59 in Paris, France, in clinical study, in the various hospitals and the med. coll. of that city. On his return from Europe he entered the army in 1861, in the capacity of surgeon, serving one year and six months. In 1863, upon relinquishing military practice, he settled in Piqua, O. He has performed all the ordinary operations in surgery with entire success (except in military hospitals), and in his private practice has had two cases of ovariotomy. He is a member of the Am. med. soc. of Paris, France; of the Ohio State med. asso.; of the Ohio co. med. soc.; of the Piqua med. asso.; and has served as president of all these bodies, the State soc. excepted. While acting as surgeon U. S. army, he was stationed at Gallipolis, O.; Raleigh, Va.; and in Maryland. He was married, May 6th, 1861, in Piqua, O., to Mary Kirk.

GUERIN, ZOPHER FRERNAN, Columbus, O., was born at Morristown, N. J., Nov. 19th, 1820. He was prepared for a professional career at Starling med. coll., Columbus, O., graduating from that institution in 1851. His first place of settlement was in Columbus, O., and vicinity, where he established himself as a general practitioner. He is a member of the Central Ohio med. soc., also vice-president of that body, and a member of the State soc. of Ohio. During the progress of the civil war he entered the service of the United States in the capacity of ass't surgeon at Camp Chase.

GUERIN, LOVETT T., son of Dr. Zopher F. Guerin, was born in Columbus, O., Feb. 5th, 1846, and was educated at Delaware O. W. U. med. institute, and at the Starling med. coll., Columbus, O. While engaged in general practice he has made a specialty of obstetrics. He is a member of the Columbus academy of med.

HEWITT, CHARLES NATHANIEL, Red Wing, Minn., was born in Vergennes, Vt., June 3d, 1836. His father and mother were natives respectively of Connecticut and Vermont. His literary education was acquired at Cheshire acad., Conn., and at Hobart coll., N. Y. He was prepared for his professional career in the Albany med. coll., N. Y.; dates of graduation, M. A. 1857, and M. D. 1857. During the year preceding graduation he served as demonstrator of anatomy in the Geneva med. coll., N. Y., and was valedictorian of his class in med. coll. He was also for some time a student in the Albany hosp. Subsequently he entered upon the active practice of his profession in Geneva, N. Y., where he remained until 1861. At this date he entered the army of the United States, with the rank of ass't surg. 50th N. Y. vol. engineers, and for one year acted as surgeon of that body. He was afterward for two years surgeon-in-chief of a brigade. He is a member of the N. Y. State med. soc., of the Minn. State med. soc., of the Am. med. asso., and of the Am. public health asso. He is also secretary of the Minn. State board of health, and has filled that office for the last five years; also prof. of public health of univ. of Minn., which position he has held for the last three years. While a general practitioner, he has devoted especial attention to surgery, and has three times performed ovariotomy — twice successfully; operated for vesico-vaginal fistula, and modified the starch bandage so as to adapt it better for military and civil use, vide descriptions of same in reports of Am. med. asso. He was married in 1866 to Helen Hawley, daughter of Dr. J. E. Hawley, of Ithaca, N. Y., who is prof. of surg. in Geneva med. coll.

BALDWIN, WILLIAM, St. Paul, Minn., was born in Washington, Mason co., Ky., March 4th, 1813. His father was a native of Pennsylvania, his mother was born in Massachusetts. He acquired his literary education at the Ohio univ., Athens, O., and subsequently entered upon a course of studies in medicine at the Ohio med. coll., Cincinnati, O., also at the univ. of Pa., Philadelphia, Pa. Date of graduation, Ohio med. coll., 1854. In 1837 he settled in Centreville, Bibb co., Ala., where he established himself. In 1840 he removed to Platte City, Platte co., Mo., where he became president of the first med. soc. of that county, at Platte City. At the expiration of twenty-eight years, in 1868, he removed thence to St. Paul, Minn., where he now resides. He is a member, and for some time acted as treasurer, of the Ramsey co. med. soc., and is also a member of the Minn. State med. soc. He has been married twice.

BLACK, JOHN, Plattsmouth, Cass co., Neb., was born in Wittingham, Northumberland co., England, Nov. 14th, 1821. He acquired his literary education in the Fredericktown (Ohio) high school, and subsequently commenced the study of medicine in the Cleveland coll., Cleveland, O., graduating from that institution in March, 1847. His first place of settlement was at Claridon, O., where he remained from 1847 to 1854; from the latter date until 1863 he was engaged in professional labors in Maysville, Mo., and from 1863 down to the present time has re-

sided permanently in Plattsmouth, Neb., where he is actively occupied as a general practitioner. He is a member of the State med. soc. of Oregon—vice-president of that body in 1873, and president of the same in 1875—and also for several years past has officiated as president of the Cass co. med. soc., Oregon. During 1853–54 he was postmaster of his locality in Ohio—a position relinquished upon his removal to Oregon. In 1868 he was a delegate to the Democratic national convention in New York; and again, in 1872, acted as delegate to the Democratic national convention in Baltimore. He was married, June 29th, 1848, to Martha D. Wiley, of Mount Vernon, O.

LETCHER, JAMES HUGHES, Henderson, Ky., was born at Lancaster, Garrard co., Ky., March 15th, 1848, and is the son of the late Judge James H. Letcher, and grandson of General Benjamin Letcher. His mother, Nancy T. Kennedy Letcher, was a daughter of General Thomas Kennedy of revolutionary fame. He is also a grand-nephew of the late Governor R. P. Letcher and Chief-Justice Robertson, both of Kentucky. He acquired his preliminary and literary education at Craig's institute, Henderson, Ky., and Forest Home academy, Jefferson co., Ky. He subsequently pursued a course of medical studies in the med. dep't univ. of Louisville, Ky., graduating from that institution March 9th, 1873. He then entered upon the active practice of his profession at Henderson, Ky., where he has since permanently resided. He was a member of the International med. congress, at Philadelphia, 1876; of the Am. med. asso.; of the Ind., Ill., and Ky., Tri-States med. soc.; of the Ky. State med. soc.; the McDowell med. soc.; and the Henderson med. club. March, 1873, he was elected standing secretary of the Henderson med. club; May 7th, 1874, recording secretary of the McDowell med. soc.; Oct., 1875, vice-president Ind., Ill., and Ky. Tri-State med. soc.; April 5th, 1876, recording secretary Ky. State med. soc.; June, 1876, treasurer of the McDowell med. soc.

MACON, GIDEON HUNT, Littleton, N. C., born in Warren co., N. C., July 26th, 1832, is a son of Dr. Henry T. Macon and Arabella Alston Macon; grandson of Hunt Macon and Gideon Alston. He was educated at Warrenton male academy, Randolph Macon coll., and univ. of Pa., med. dep't., graduating April 1st, 1854. Until 1859 he was engaged in practice at Warrenton; then moved to Halifax co., eight and one-half miles south of Middleton, where he now resides. He is a member of the N. C. State med. soc.; vice-president of that body in 1871; and member of the State board of health and county med. soc. In 1861, during the war of the rebellion, he filled the post of ass't surg. 14th N. C. reg. Feb. 2d, 1862, until 1864, he was surgeon of the 1st N. C. regulars, and for some time was examining surgeon for the State. From 1870 to 1876 he was connected with the executive committee R. and T. R. S. June 9th, 1857, he was married to Lou Jenkins, Warren, N. C.

TOXEY, CALEB, Mobile, Ala.; born in Tuscaloosa, Ala., Jan. 30th, 1839; educated at Milledgeville, Ga.; graduated in medicine from the univ. of Pa. in April, 1860. He settled in Mobile, Ala., the same year, where he became a member of the Mobile med. soc. He is also member and counsellor of the Ala. State med. asso. He is prof. of anatomy in the med. coll. of Ala., was surgeon in the Confederate States army four years, and is med. director of the Mobile life insurance company.

GORDON, CHARLES PEYTON, Dalton, Ga., was born in Forsyth, Monroe co., Ga., Feb. 15th, 1837. He is the third son of James H. and Caroline M. Gwyn Gordon, formerly of North Carolina, and first cousin of Hon. John B. Gordon, present U. S. senator from Georgia. He received his literary education at Franklin coll., Athens, Ga., and at the univ. of Va., and was prepared for a professional career at Jefferson med. coll., Philadelphia, Pa. In March, 1860, he graduated from the med. dep't univ. of N. Y. His first place of settlement was at Dalton, Whitfield co., Ga., where he now resides, actively engaged in professional labors. For report of notable cases *vide* "Surgical Report to Georgia State Medical Association" in Transactions for 1877. He is a member of the med. asso. State of Ga., and at a meeting of that body, in 1877, was appointed chairman of the committee on surgery for the 7th congressional district, and also a delegate to the Am. med. asso. (see Transactions for 1877). He has held the office of mayor of the city of Dalton; date of election, 1869. For several years he has been a contributor to the *Atlanta* (Ga.) *Medical and Surgical Journal.* During the progress of the late civil war he entered the Confederate States army, serving in the capacity of surgeon. He was married, Feb. 2d, 1862, to Mary A. Bitting, of Dalton, Ga., formerly of Germanton, N. C. After her demise he was again married, July 19th,

1866, to Margaret Manly, of Dalton, Ga., formerly of Malone, N. Y., daughter of Dr. William J. Manly, also of Malone.

HILDRETH, CHARLES C., Zanesville, O., son of Dr. S. P. Hildreth, was born, April 28th, 1811, at Marietta, O. He received the degrees of A. B. and A. M. from the Ohio univ. at Athens, O., and graduated from the med. coll. of Ohio, at Cincinnati, in March, 1833, settling the following month at Zanesville, Muskingum co., from which he has never removed. Although a general practitioner, he has achieved his chief reputation in surgery, in which he has performed nearly all the important operations, and attended about four thousand five hundred obstetrical cases. He is a member of the Muskingum co. med. soc., of which he was elected president in 1871; of the Zanesville acad. of med., of which he was elected president in 1873; of the Ohio State med. soc.; and of the Am. med. asso. He has contributed numerous papers to the medical journals, chiefly to the *American Journal of Medical Sciences*, the *Medical and Surgical Reporter* of Philadelphia, and the *Lancet and Observer* of Cincinnati. He is a director in the canal and manufacturing company of Zanesville, the First national bank of Zanesville, and the Zanesville gas-light company. He married, in 1836, Sarah A. Swearingen, of Wheeling, West Va.

HUNT, HENRY HASTINGS, of Gorham, Me., son of Hon. Charles Hunt, grandson of Capt. Oliver Hunt, who held a captain's commission in the continental forces during the war for American independence, was born in that place, July 7th, 1842. He received a classical education at Bowdoin coll., Me., and graduated from that institution in 1862. He then attended two courses of medical lectures, and took his degree at the med. school of Me., spending the following summer in visiting the Philadelphia hosp. daily, under the instruction of Dr. William Pepper. In the course of the following winter he attended a selected course of lectures at the univ. of Pa., and at the Jefferson med. school, Philadelphia, Pa., taking his degree in June, 1867. He subsequently returned to Gorham, Me., 1868, and has since resided there, actively engaged in professional labors. In 1867 he performed Gross' operation for osseous angular anchylosis of the knee-joint, upon a case of fibro-osseous anchylosis, with perfect success, and with no inflammation of the knee-joint. In February, 1876, he operated upon a case of oblique ununited fracture of tibia of a year's standing, by removing the ligamentous tissue between the fragments, which were then secured by bone pegs passed through their diameter, and left permanently in the bone, secure union being thus obtained. He is a member of the Me. med. asso., and of the Cumberland co. med. asso.; and from December, 1869, to December, 1870, acted as secretary of the latter body.

BAILEY, FRANCIS ALONZO, Hillsboro', Oregon, born in Hardeman co., Tenn., Jan. 28th, 1839, is the son of William L. and Mary Wilkinson Bailey. He received his literary education at Woodland acad., Tenn., and prepared himself for a professional career at Pope's coll., St. Louis, Mo., session of 1863–64. In 1870 he graduated at the med. dep't of Willamette univ., Salem, Oregon, and received degree *ad eundem* at Toland coll., San Francisco, Cal.; date of diploma, 1871. During the course of the civil war, for a period of eighteen months, he acted as a medical cadet in the Confederate army, and was attached to Price's division. Since the foundation, in 1874, of the Oregon State med. soc. he has been a member of that body, and for three years has served in it as one of the board of censors. His contributions to medical literature consist of several articles published in the *Oregon Medical and Surgical Reporter*, and in the *San Francisco County Medical Journal*. He was married, in 1866, to Letitia A. Chambers.

RICE, CORNELIUS ATWOOD, Brandon, Miss., son of Dr. Joel C. Rice and Rebecca A. (Reading) Rice, born in Russellville, Ky., July 17th, 1834, studied medicine at Transylvania univ., Lexington, Ky., and graduated in July, 1855. He subsequently pursued his studies in Richmond in 1863, and in the univ. of La., New Orleans, in 1871 and 1872. He established himself first at Raymond, Miss., and subsequently removed to Brandon. He has performed many capital operations; among them excision of the hip-joint, also tracheotomy, resections, trepanning, amputations, etc., etc. He is a member of the Miss. State med. asso., and is now its corresponding secretary. He is the author of a "Report of Three Cases of Excision of Hip-Joint," in "Circular No. 2," surgeon-general's office, U. S. army; "Report of Resuscitation from Death from Chloroform and Tracheotomy;" also "Case of Vesico-Vaginal Fistula," reported in Transactions of Miss. State med. asso. for 1877; "Full research in hermetically sealing wounds to insure molecular disintegration and absorption, without the formation of pus, especially valuable in gunshot wounds of the chest." During the

war of the rebellion he was a surgeon in the Confederate States army. He has been married three times—the first time to Laura Rose, of Raymond, Miss., the second time to Julia Henley, of Gallatin, Tenn., and the third time to Virginia Miller, of Brandon, Miss.

WEDGE, ALBERT C., Albert Lea, Mass., born in Denmark, Lewis co., N. Y., Aug. 18th, 1834, received his academic education at Ripon, Wis., and his medical education at Cleveland med. coll., Cleveland, O.; graduated in February, 1857, and established himself in general practice, in Albert Lea, in the spring of the same year. He is a member of the Minn. State med. soc., and has been its president since 1875. He was ass't surg. 3d reg. Minn. vols. from May, 1862, to January, 1864, and surg. from January, 1864, to September, 1865; from the last date he has been examining surg. for pensions. In 1870 and 1871 he was a member of the Minnesota legislature. In October, 1859, he married Betsy Blackmore.

HOGAN, MARTIN, St. Paul, Minn., of Irish parentage, born in Tuscarawas co., O., Dec. 28th, 1832, was educated in Columbia coll., New York. His medical education was received in Starling med. coll., O., and at the coll. of phys. and surg., New York, and he graduated at the former M. D. in 1855, and at the latter in 1867. He commenced practice in Port Washington, Tuscarawas co., O., and removed to St. Paul in 1868. He has operated successfully for ovarian tumor. He is a member of the Minn. State med. soc.; of the Ramsey co. med. soc.; and Ohio State med. soc.; and is the author of the following papers: "Coinciding Tendencies of Medicine in Treatment of Disease," "Effect of Scarlatina Poison on the Kidneys," "Vaccination and Revaccination," and a "Monogram on Dyspepsia." He is a member of the State historical soc., and of the St. Paul acad. of nat. sciences. He was four years surgeon in the Union army during the war of the rebellion, and has been four years county treasurer. He married in 1861.

HOOKS, JOHN FRANKLIN, Paris, Texas, was born in Leighton, North Ala., April 14th, 1836. His literary education was acquired at McKenzie coll., Texas, and he was prepared for a professional career at the med. dep't univ. of Va., and at the univ. of Pa., Philadelphia, Pa.; date of graduation March, 1861. His first place of settlement was in Barton, Texas, whence he removed to Jefferson, in the same State, settling eventually in Paris, Texas. He has performed tracheotomy three times, amputated leg, arm, forearm, etc., etc., and has had many notable cases in medicine and surgery. He is a member of the Texas State med. asso., and a member also of the county med. soc., in which body he has in turn filled all the offices. During the civil conflict he was successively ass't surg. and surg. in the army, and at the close of the war held the position of senior surgeon of a brigade.

HALL, OSCAR H., Zumbrota, Minn., was born at Wales Centre, Erie co., N. Y., Nov. 29th, 1841, and is of Scotch extraction. He received his academic education at Alden seminary, and was prepared for his professional career at Buffalo med. coll., N. Y.; date of graduation February, 1868. His first place of settlement was in Masilla, Erie co., N. Y., where he remained for about nine months; at the expiration of that period he removed to Zumbrota, Minn., where he now resides, actively engaged in the practice of his profession. He is a member of the Minn. State med. soc.; of the Gov. med. soc.; and of the alumni asso. His contributions to medical literature consist of two essays: one on "The Relations of Chemistry to Medicine," and one on "Toxaemic Puerperal Diseases." In the commencement of the late war of the rebellion he enlisted as a private in Company A, 8th N. Y. cavalry, serving three years. He was married, April 27th, 1867, to Delia M. Meade, of Parkersburg, West Va.

BROOK, JOHN BOWYER, Reading, Pa., was prepared for his professional career in the Jefferson med. coll., Philadelphia, Pa., and graduated from that institution in March, 1858. He then entered upon the active practice of his profession in Reading, Pa., where he now resides. He is president of the Reading med. asso., and corresponding secretary med. soc., Berks co., Pa.

HULL, WATSON CLARK, Monroeton, Pa., was born in Windsor, Broome co., N. Y., Dec. 23d, 1835. Upon finishing his preliminary education he entered upon a course of studies in medicine at Geneva med. coll., N. Y., graduating from that institution Feb. 27th, 1861. His first place of settlement was at Auburn Centre, Bradford co., Pa., where he remained for one year; at the expiration of that period he entered the U. S. army, regular service, as ass't surg., acting in that capacity for a term of three years; he then returned to civil practice at Vestal Centre, Broome co., N. Y., his place of residence for about five years; eventually he took up

his residence at Monroeton, Bradford co., Pa. He is a member of the Bradford co. med. soc., and at the present time is one of its vice-presidents. His article on "Gelseminum," which appeared in the "Medical and Surgical Reporter," vol. xxx., attracted the attention of physicians and scientists in London, and was reprinted, in part, in that city.

BAKER, MARTIN, Visalia, Cal., of English descent, and son of a minister of the Church of England, was born, in January, 1827, in the county of Pickaway, O. He was educated at Galesburg coll., Ill., and in Muscatine, Iowa, and in 1847 graduated in medicine from an irregular college in Ohio, eventually supplementing the diploma of this institution, however, with that of the Rush med. coll. at Chicago, which he received in 1865. He commenced the practice in 1850 in Cedar co., Iowa, where he remained until 1852, attending during the winters of 1850 and 1851 two courses of medical lectures at a regular college. In 1852 he went to California, settling first in Placerville, Eldorado co., in which he was the first county phys. in the county, removing in 1859, on account of failing health from overwork, to Visalia, Tulare co., where he has been county phys. for twelve years. He is a member of the Cal. State med. soc., of which he has been twice elected vice-president, and which he represented in the Am. med. asso. at its meeting in 1876. For the last twenty-five years he has contributed annually to the medical press all cases in his practice that he deemed worth reporting. He was commissioned in 1875 pension surgeon for the southern district of California, and still holds the commission. In 1862 and 1863 he served as surgeon of the 2d Cal. volunteer cavalry.

HOCKENHULL, JOHN, Cummings, Forsyth co., Ga., was born in Stockport, Cheshire, England, Jan. 22d, 1832, and came to the United States in 1841. He subsequently entered upon a course of studies in medicine in the office of Dr. G. B. Thompson, Cleveland, Tenn., and attended his first course of lectures at the univ. of Pa., Philadelphia, Pa., in the winter of 1852–53. In 1855 he graduated at the med. coll. in Augusta, Ga. He then established himself in practice in Lumpkin co., Ga., his field of labors in this section becoming afterward a part of a new county named Dawson. In 1863 he moved to Forsyth co., Ga. His first case of importance was a patient whose tendo-achilles had been severed by a broad-axe—"he passed a suture through the integuments and each end of the divided tendon, and drew them together, applied adhesive strips, and kept the foot extended; patient recovered without lameness or deformity." In 1856 he amputated an arm below the insertion of the deltoid for medullary cancer of the solanoid variety—forearm near elbow measuring sixteen inches in circumference. He has also had a case of hydatids of the uterus, and delivered the woman of almost a half bushel hydatids of all sizes. On one occasion he was called to a case of obstetrics, patient multipara, and on examination found the child delivered, and lying in bed, cord undivided, and the uterus exterior to the labia-majora, hour-glass contraction of the uterus, and placenta undelivered; "he introduced his hand into the uterus, dilating contraction, and delivered the placenta, and then by firm and steady pressure replaced the uterus, the patient recovering as usual." He is a member of the med. asso. of State of Georgia; and has contributed to medical journals articles on strangury caused by opium, and cases of placenta prævia. In 1862 he joined the Confederate army before Cumberland Gap, and in the capacity of ass't surg. served during the Kentucky campaign. July 5th, 1859, he was married to Mary A. Hutchins, then a resident of Forsyth co., Ga.

BOARDMAN, CHARLES HODGE, St. Paul, Minn., was born May 25th, 1838. He was educated at the Presbyterian institute, and at Yale coll., from which he graduated in 1859, studying medicine at the univ. of Pa., and graduating in 1862. He began the practice in Philadelphia, whence he removed to St. Paul in 1869. He is a member of the Philadelphia coll. of phys.; of the Philadelphia patholog. soc.; of the Ramsey co. (Minn.) med. soc., of which he was president in 1876; and of the Minn. State med. soc., of which he was elected recording secretary in 1877. He is a contributor to various medical journals, particularly the *Northwestern Medical and Surgical Journal.* During the civil war he served as ass't surg. in Virginia and elsewhere. He married, in 1865, Harriet A. Nichols, of New Jersey.

LARSH, NAPOLEON BONAPARTE, Nebraska City, Neb., of French descent, was born, Jan. 6th, 1835, at Eaton, O. He was educated at Antioch coll., O., and graduated from the Miami med. coll. in 1857, settling in Palestine, O., whence he removed in 1859 to Nebraska City. He is a member of the Neb. State med. asso., of which he was elected president in 1872, and of the Otoe co. med. soc., of which he has been thrice elected president. In 1870, 1871, and

1872, he was superintendent of the State insane asylum. He was a member of the territorial legislature of Nebraska in 1861, and of the State senate in 1873. From 1862 to 1865 he was ass't surg. of the 1st Neb. cavalry. He married in 1859, and has six children.

WOOD, GEORGE WESTON, Faribault, Minn., of Anglo-Canadian parentage, was born in Stafford, Canada, May 8th, 1842. He was educated at McGill univ., Montreal, graduated in May, 1863, and settled first in Coaticooke, Canada, removing to Faribault in 1873, where he has since pursued a general practice, but has devoted himself principally to diseases of the colon and genital organs. He has contributed articles to medical journals, chiefly on diseases, and new medicines. He is a member of the St. Francis med. soc., Canada, one of the coll. of phys. and surg., Lower Canada; member of the Minn. State med. soc., and chairman of its committee on practical medicine. He is also coroner for Rice co. In June, 1866, he married Minnie Cook, of Hotley, Canada, who died in November, 1866. In July, 1868, he married Ella M. Fox. of Coaticooke.

KIMBALL, GILMAN, Lowell, Mass., son of Ebenezer Kimball and Polly Kimball, born at Hill (formerly New Chester), N. H., Dec. 8th, 1804, was educated at a private school, and graduated from the med. school of Dartmouth coll., in 1827. He began to practise in Chicopee, Mass., but removed to Lowell in 1830. Previous to his removal he visited Europe, and spent his time chiefly in Paris, attending the surgical cliniques of Depuytren, at Hotel Dieu, and of Boyer, at La Charité. During the fifty years of his practice he has performed all the operations naturally occurring in the line of surgery. As among the notable of these may be mentioned two of amputation at hip-joint, one of which was successful; ligation of the internal iliac artery, fatal the nineteenth day after secondary hemorrhage; of the external iliac, carotid, and subclavian, all successful; he has performed two hundred and twenty-five operations for ovariotomy, with sixty-nine per cent. of recoveries; extirpated the uterus in twelve cases, with five recoveries. He received honorary degree of M. D. from Williams coll. in 1837, and from Yale coll. in 1856; also honorary degree of A. M. from Dartmouth coll. in 1839. In 1832 he was elected a member of the Mass. med. soc., and in 1877 member of the Am. gynæcolog. soc., and vice-president of the Mass. med. soc. Of his contributions to medical literature the most important relate to gastrotomy, ovariotomy, and uterine extirpation; cases illustrating certain points of practice in the first, and tending to release the operation from some of its most serious dangers, *Boston Medical and Surgical Journal* for 1874 and 1876, and before the Am. gynæcolog. soc., in Boston, in 1877; case relating to the last-mentioned operation notable as being, according to Koeberlé, of Strasbourg, the first case on record where the operation was successfully performed upon a correctly established diagnosis, *Boston Medical and Surgical Journal*, May, 1855; paper on the "Treatment of Uterine Fibroids by Electrolysis or Galvanism," *Boston Medical and Surgical Journal*, January, 1874; paper on the "Extirpation of the Uterus," read before the Am. med. asso., in Chicago, June, 1877. In 1844 he was elected prof. of surgery in the Vt. med. coll., Woodstock, and in 1845 in Berkshire med. coll., Pittsfield, Mass. He subsequently resigned these professorships to take charge of the Lowell hosp., an institution established by the proprietors of the various manufacturing corporations of Lowell for the benefit of their operatives. He served for four months under Gen. B. F. Butler, as brigade surgeon, at Annapolis and Fortress Monroe, at both places superintending the organization of the first military hospitals established for the benefit of the sick and wounded in the war of the rebellion. He has been twice married. The first time to Mary, daughter of Dr. Henry Duvar, of Edinburgh, Scotland; the second time to Isabella Defrier, of Nantucket, Mass.

WILLIAMSON, WILLIAM BOSWELL, Edwards, Miss., born Nov. 23d, 1812, at Sussex Court-House, Va., graduated in medicine from the med. dep't of the univ. of Pa., March, 1835, and located in Greensville co., Va. In 1836 he became surgeon of volunteers in the war between Texas and Mexico, afterwards settled in Hinds co., Miss., where he remained several years. He then moved to New Orleans, but returned to Hinds co., and settled in Edwards. He was secretary of the first State med. soc. formed in Mississippi, and is still member of the med. soc. of that State; was a member of the medico-physico soc. of New Orleans, and is a member of the Hinds co. med. asso. He was med. superintendent of the Miss. State lunatic asylum during 1857 and 1858, and surgeon in the Confederate States army during the civil war. In January of 1843 he married Isabella Wydown, of Charlottesville, Va.

BARKER, FORDYCE, New York city, was born, May 2d, 1817, at Wilton, Me. He is of English descent, and the son of a physician. He graduated at Bowdoin coll. in 1837, and studied medicine with Dr. Henry I. Bowditch, in Boston, Mass., as also with Dr. Charles H. Stedman, at the Chelsea hosp., for one year; graduating in 1841, and subsequently studying in Edinburgh and Paris, in which latter city he received the degree of M. D. in 1844. He began the practice at Norwich, Conn., but in 1845 was prof. of midwifery in the Bowdoin med. coll., and in 1850, having been elected prof. of midwifery and the diseases of women in the New York med. coll., removed to New York city. In 1854 he was made obstetric phys. to the Bellevue hosp., holding the office until 1874; and in 1860 became prof. of clinical midwifery and the diseases of women in Bellevue hosp. med. coll. He is consulting phys. to Bellevue hosp.; to the Nursery and Child's hosp.; and St. Elizabeth's hosp.; and surg. to the Woman's hosp. of the State of N. Y. He is a member of the acad. of New York, of which he is vice-president; of the New York co. med. soc.; of the New York obstetric soc.; of the New York patholog. soc.; of the med. and surg. soc. of New York; of the med. soc. of the State of N. Y., of which he was formerly president; and of the Am. gynæcolog. soc., of which he was elected the first president in 1876; and honorary fellow of the Royal med. soc. of Athens, Greece; and of the obstetrical socs. of Edinburgh, London, Philadelphia, and Louisville; of the Philadelphia coll. of phys., and of several State socs. He has contributed to medical literature numerous papers and lectures, published in different medical journals; and is the author of a work on the "Puerperal Diseases," 8vo., pp. 521, of which the first edition was published in 1874, the third in 1876, and the fourth is now in the course of publication. This work was translated into Italian, and published at Milan in 1875, and is about to appear in the French and German. He married, in 1844, Elizabeth Lee Dwight, and has one son.

HARVEY, ELLWOOD, Chester, Pa., of Quaker ancestry, was born, Nov. 30th, 1820, at Chadd's Ford, on the Brandywine, Delaware co., Pa. In his youth he attended a boarding-school whose teacher had a passion for mathematics, one of the results of which was that the pupil under notice became a land-surveyor before he began the study of medicine, which he finally entered upon at the univ. of Pa., from which he graduated in 1843, engaging immediately in the practice at his native place, where he continued for ten years. In 1852 he accepted a professorship in the female med. coll. of Pa. (now the women's med. coll.), he having been one of the coadjutors of Dr. Bartholomew Fussell, of Chester co., Pa., in conceiving and planning a med. coll. for women, which first took form in the institution above named. He retained his connection with it until 1857, delivering in the meantime eight courses of lectures on five different branches of medicine. For the two years next succeeding he lectured to public audiences on anatomy, physiology, and hygiene; and in 1859 assisted in establishing the first normal school in West Chester, Pa., teaching therein the sciences and elocution for one year. In 1861 he returned to practice, settling at Chester, Pa., where he now resides. He is a member of the Delaware co. med. soc., of the med. soc. of Pa., and of the Am. med. asso. He has contributed occasional articles to medical journals, but his literary activity has been chiefly directed to the scientific aspect of stock-breeding, as expressed in the laws of heredity, a subject to which he has given much attention, and upon which he has written an essay entitled "The American Trotting-Horse," published as an appendix to the American edition of Stonehenge's work on horses; and also a paper on "Horses," published in the seventh annual report of the State agricultural soc. of Pa. He married, in 1845, Josephine S. Youle, of Philadelphia, and has two sons.

GREENE, WILLIAM WARREN, Portland, Me., born at North Waterford, Me., March 1st, 1839, was educated at Gould's acad., and at the univ. of Mich., graduated in 1854, and located himself at North Waterford, then at Gray, Me., then at Pittsfield, Mass., and then at Portland, in surgical practice. He is a member of the Am. med. asso., fellow of the Mass. med. soc., member of the Me. med. asso., hon. mem. of the N. Y. State med. soc., of the Detroit acad. of med., etc. Among his more important contributions to medical literature are: a paper on "Ligation of Veins," *New York Medical Record;* "Cases of Successful Extirpation of Bronchocele," "Report on Ovariotomy," "Successful Cæsarean Section," "Reduction of Dislocations," "Cotton Wool Dressing." He is also the author of "Greene's Illustrations to Surgery," for students, etc. He was appointed lecturer on pathology and practice in Berkshire med. coll. in 1861, prof. of surg. in the same institution in 1862; also dean of the college. He resigned both these positions in 1868. In 1867 was appointed prof. of surg.

in the univ. of Mich., and lectured one year, and then resigned. In 1866 was appointed prof. of surg. in the med. school of Me., and still holds the position. During 1873 and 1874 he was prof. of surg. in Long Island coll. hosp. He has been twice married. His second wife died in June, 1876.

SUMMERILL, JOSEPH JOHN, Salisbury, N. C., was born in Halifax co., N. C. (near Weldon), Nov. 1st, 1819. He was educated at Jackson, Northampton co., and at the univ. of N. C., whence he graduated in 1842. He studied medicine under Dr. Eldridge, of Northampton co.; at the univ. of Pa.; at the univ. of N. Y., in the spring of 1843, and graduated from the univ. of Pa. in 1844. He settled in Salisbury, Rowan co., in this year. In 1855 he was elected a member of the N. C. State med. soc., was its president in 1862, one of its board of medical examiners from 1866 to 1872, and its representative at the Am. med. asso. meeting in 1868. He was corresponding member of the gynæcol. soc. of Boston. For two years he held the position of chairman of county court of Rowan co. In Oct., 1844, he married Ellen H., daughter of Prof. E. Mitchell, of the univ. of Chapel Hill, N. C.

TRUSH, J., Cincinnati, O., was born in Switzerland, Jan. 10th, 1837. He studied medicine at the St. Louis med. coll., attended lectures at the Ohio med. coll., and at the Miami med. coll. (also during one year at Vienna and London), and graduated at the St. Louis med. coll. in March, 1865. He first located himself at Mitchell, Ind., and afterwards in Cincinnati. He is a member of the acad. of med., Cincinnati, and of the Cincinnati med. and obstet. socs.; also a member of the faculty of the Cincinnati coll. of med. and surg., and has been such since 1872; and since 1873 he has held the chair of obstetrics, and the first chair of physiology in the same institution. He entered the volunteer army of the U. S. in May, 1861, and served as hosp. steward of 16th Ill. infantry for one year; was promoted to the position of ass't surg. of same reg. in June, 1862, and served as such until Nov., 1864. In April, 1865, he was appointed acting staff surg. with the rank of major, a position he held till Nov., 1865. He married in March, 1865.

HOWE, JOSEPH WILLIAM, New York city, was born, Sept. 30th, 1843, in the province of New Brunswick, British America. He attended a grammar school until fourteen years old, when he entered the *Colonial Times* office, belonging to his father, to learn the business of printing, and subsequently joined the reportorial corps of that journal, reporting in 1861 and 1862 the debates in the Provincial parliament for the *Colonial Times*, and also for the *Colonial Farmer*. In the beginning of 1863 he commenced the study of medicine, and graduated from the med. dep't of the univ. of N. Y. in March, 1866. After graduation he entered Bellevue hosp., New York, as junior ass't, serving afterwards six months as house phys., and six months as house surg., and commencing private practice in New York in the fall of 1867. In 1868 he was appointed attending phys. to the out-door dep't of the Bellevue hosp., and the same year clinical prof. of surg. in the med. dep't of the univ. of N. Y., both of which positions he now holds. He is also visiting surg. to the St. Francis hosp., of whose medical board he is president. He is a member of the New York co. med. soc.; of the New York acad. of med.; and of the Medical Journal asso. He was married, Jan. 17th, 1875, to Lizzie Nicholson Secor, daughter of Charles F. Secor, and granddaughter of the Hon. James B. Nicholson.

MITCHEL, SAMUEL ROBERT, Ottumwa, Iowa, was born in Springfield, Ill., April 14th, 1826. His great-grandfather came to this country from the north of Ireland, and performed efficient service during the revolutionary struggle; his father, a native of Virginia, was a brother of the late Gen. O. M. Mitchel. His preliminary education was acquired at Bloomington, Ill., and he subsequently took his degree in medicine at the St. Louis med. univ., March, 1864. His first place of settlement was Franklin co., Iowa, 1855; in 1864 he moved to Ottumwa, where he now resides. During the late war he served three years as acting ass't surg. U. S. army; for two years was clerk of the district court of Franklin county, and for two years was also county judge for the same county. For intus-susception and like cases he has used tobacco enemas with marked success. He makes a specialty of diseases of women. He is a member of the Iowa State med. soc., of the Des Moines Valley med. asso., and of the Wapello co. med. soc.; was secretary for 1875 for the latter body. He was married in 1862 to Fannie E. Stoddard, of Litchfield, Conn.

BISBEE, CHARLES MELVILLE, West Sumner, Me., was born, Nov. 21st, 1848, at Canton, Oxford co., Me. Having studied the languages at a high school,

he entered the State normal school at Farmington, Me., from which he graduated, June 4th, 1867, after which he attended the Portland med. school, and the Bowdoin med. coll., graduating from the latter in 1871. He first settled in Peru, Oxford co., Me., where he remained one year and a half, and then removed to West Sumner in the same county. He is a member of the Me. med. asso. He has held the office of U. S. examining surg.; and served for eight months in the Me. coast guards. He married in 1871.

HARRIS, GEORGE FAIRLAMB, Bellefonte, Pa., was born in that place March 17th, 1843. He is the son of William Harris, and the grandson of James Harris, who laid out and named the town of Bellefonte in 1800. His maternal grandfather was Dr. George A. Fairlamb, of Downingtown, Chester co., Pa. He was educated at the Bellefonte acad., and graduated from the med. dep't of the univ. of Pa., March 12th, 1864, establishing himself the following year in his native place. He is a member of the Centre co. med. soc., of which he was elected treasurer, April 18th, 1876. For three years he held the office of school director of Bellefonte. He served as ass't surg. of the 7th Pa. cavalry from March, 1864, to November of that year, and thence as acting ass't surg. of the U. S. army till March, 1865. He married, June 8th, 1870, Mary W. Curtin, daughter of Governor A. G. Curtin, of Pennsylvania.

HARRIS, ELIAS B., Sacramento, Cal., was born in Richfield Springs, Otsego co., N. Y., Sept. 13th, 1823. He received his literary education at Fairfield academy, Herkimer co., N. Y., and was prepared for a professional career at New York univ., New York, graduating from that institution in 1847. His place of first settlement was at Waterville, Oneida co., N. Y., whence, after one year's experience, he moved to Jackson, Cal., where he was actively engaged in the practice of his profession until the outbreak of the rebellion. He then returned east and entered the U. S. army as surg. in the volunteer aid corps of surg.,—appointed ass't surg. V. S. C. In 1864 he was made surg. of N. J. vol., 1st army corps, Hancock's division. He is a member of the Cal. State med. soc.; in 1845 held the office of coroner in Oneida co., N. Y., and in 1854 was appointed public administrator. Among his more notable cases is a (description sent to Frank Hamilton, M. D.) removal of the entire clavicle from a young man sixteen years of age, in Oct., 1875, with a full and complete restoration of a new bone, and restoration of the shoulder without the least deformity; the operation of making an opening into the cavity of the chest and removing a large quantity of coagulated blood, the result of an injury to the lungs—the patient entirely recovering. (This case was published in the Transactions of the Cal. State med. soc. in 1870.) He was married in 1866.

JACOBUS, PETER NELSON, Beemerville, N. J., was born at Bloomingdale, Passaic co., N. J., Dec. 22d, 1833, and is the son of William Gould and Margaret Spear Jacobus. After acquiring a preliminary education in the common schools of his native place, he studied the languages under private instructors, and entered Madison univ., Hamilton, N. Y., but, on account of failing health, left before graduating. In 1855 he entered upon a course of studies in medicine, graduating in 1858, and again in 1862. His first place of settlement was at Danville, Warren co., N. J., where he established himself in practice in 1860; in 1864 he moved from there to Flatbrookville, Sussex co., N. J., whence he removed in 1869 to Montague, Sussex co., taking up his residence finally in Beemerville, where he has been engaged in a general practice since 1874. He has been a member of the district med. socs., N. J., for years past, and at different times held the position of president, etc. For two years he was phys. to the Warren co. poorhouse, and several times filled the office of superintendent of schools in townships in the counties of Warren and Sussex. In 1866 and 1867 he travelled through Europe, and while making a general tour through Scotland, England, and France, visited the hospitals, medical colleges, societies, etc., of Edinburgh, London, and Paris, noting the peculiarities of foreign systems, practice, and management. He was married twice: to Ettilie E. Delins, Philadelphia, Pa., April 12th, 1859; and to Hannah E. Shay, Oct. 12th, 1870.

DEMING, WILLIAM, Litchfield, Conn., was born in that place, March 16th, 1833, and is a descendant of John Deming, one of the original patentees of Connecticut. He was educated in the med. institute of Yale coll., and in the coll. of phys. and surg., New York; date of graduation Jan. 6th, 1856. His first place of settlement was at Lenox, Mass., where he resided from 1858 to 1867; since the latter date he has lived in Litchfield, Conn., actively engaged in professional labors. During the past two years he has officiated as president of Litchfield co. med. soc.; in 1868, 1875,

and 1876, he was a member of the Conn. State Legislature; and since its incorporation, has been secretary and director of the Shepaug railroad company. On the outbreak of the civil war he manifested great zeal in the Union cause, and recruited two hundred and sixty-three men for Massachusetts regiments. His contributions to medical literature consist of various articles published in eastern medical journals.

DENNISON, JOHN, De Witt, Iowa, born in Chautauqua co., N. Y., Aug. 8th, 1818, educated at Fredonia academy, N. Y., studied medicine at the Albany med. coll., and graduated in May, 1846. He practised in Alden, Erie co., N. Y., for twenty years, and then removed to DeWitt. He is a member of the Clinton co. med. asso., and of the Am. med. asso. He has contributed a report of a "Case of Reduction of Inverted Uterus of Thirty Months' Continuance," to the Clinton co. med. asso. In Sept., 1850, he married Eleanor M. Farnsworth.

LEECH, THOMAS FRANKLIN, Attica, Ind., of Scotch, English, and Irish ancestry, was born, Dec. 27th, 1840, at Flat Rock, Shelby co., Ind. He was educated at the graded schools of Shelbyville, Ind., and by private tutors, studying medicine at the Jefferson med. coll., Philadelphia, from which he graduated in the spring of 1866. During the latter year and the following one he practised at Flat Rock, whence he removed to Clinton, Henry co., Mo., remaining there until 1871, when he went to Columbus, Bartholomew co., Ind., where he remained during 1872, going thence to West Lebanon, Warren co., Ind., and thence in 1875 to Attica, Fountain co., Ind., his present residence. His specialty is surgery, in which he has performed nearly all the different operations, including amputation, lithotomy, iridectomy, and operations for the vesico-vaginal fistula, and has treated all kinds of fractures. He is a member of the Henry co. (Mo.) med. soc.; of the Bartholomew co. (Ind.) med. soc.; of the med. soc. of Fountain and Warren cos., of which he was president in 1875; of the Fountain co. med. soc., of which he is secretary; of the Ind. State med. soc.; and of the Am. med. asso. His literary contributions to medicine comprise an article on "Puerperal Fever," published in the *Indiana Journal of Medicine*, of Nov., 1874; a report of "Two Cases of Lithotomy," published in the Transactions of the Ind. State med. soc. for 1875; a paper on "Lateral Operation for the Removal of Urinary Calculus," in the July number of the *Cincinnati Lancet and Observer*; and a series of articles in the county paper on "Public Hygiene," written at the request of the committee on public hygiene of the State med. soc. He volunteered, Aug. 4th, 1861, as a private in company D, of the 33d reg. of Ind. vols., but was soon after appointed contract surg., serving as such for eighteen months, at the end of which he was made hosp. steward in the U. S. army, and discharged from the volunteer service. March 24th, 1864, he was commissioned ass't surg. in the U. S. navy, and served in that capacity until Nov. 9th, 1865. He married, April 9th, 1866, Mary E. Locke, of Whitewater, Walworth co., Wis., and has had five children, of whom three are living.

DRAKE, OSBORNE LEE, Slaughterville, Ky., was born in Powhatan City, Va., Jan. 11th, 1824. He was educated at the univs. of Va. and Pa., and he graduated in medicine from the latter in 1848. He settled first at Powhatan Court-House, but in 1853 moved to Slaughterville, Webster (then a part of Hopkins county and Henderson county). He is a member of the Am. med. asso., of the Ky. State med. soc., and of the McDowell med. soc.; of the latter he is now first vice-president. He has represented Webster co. in the Ky. legislature. He married in 1858.

ATKINSON, ARCHIBALD, Baltimore, Md., son of Archibald Atkinson, a lawyer of Smithfield, Va., was born in the latter place, Feb. 23d, 1832. He pursued his professional studies at the univ. of Va., the univ. of Pa., the Dublin rotunda hosp., and the univ. of Paris, graduating in 1854, and settling in Baltimore, Md. He is a member of the Baltimore med. asso., and of the Md. medico-chirurgical faculty. He served four years in the Confederate army as regimental and brigade surg. He is at present prof. of materia medica and therapeutics in the Baltimore coll. of phys. and surg.

LEA, WILLIS M., Holly Springs, Miss., son of William Lea, merchant, was born, Nov. 5th, 1802, at Leasburg, N. C. He graduated as A. B. from the univ. of N. C. in 1821, and as M. D. from the univ. of Pa. in 1826, practising in his native town from the year of his graduation until 1836, when he settled in the vicinity of Holly Springs, Miss. He was among the first in that region to eschew the excessive use of mercurials in typhoid fevers, finally coming to reject all irritating and depressing medication. He is now a cripple, and has retired

from active practice. He is a member of the Marshall co. med. soc., of which he has been president for a number of years consecutively. He was a member of the Miss. State convention that ordained the secession of the State. He married, in 1834, Sarah Pugh Wilson, of the neighborhood of Danville, Virginia.

WALKER, GEORGE BRINTON, Evansville, Indiana, son of William Walker, a captain of New Jersey troops in 1812, and also a captain in the war with Mexico, mortally wounded at the battle of Buena Vista, was born in Salem, N. J., Dec. 6th, 1807; was educated in New Jersey, and graduated from the med. coll. of Ohio in Oct., 1830. He settled in Evansville in 1835. He is a member of the Ind. State med. soc.; of the Ind., Ky., and Ill. Tri-State med. soc.; of the Drake acad. of med.; and of the Evansville med. soc. He has read a paper on "Observations and Experience in Medical and Surgical Practice, especially relating to Obstetrics," before the Tri-State society. He occupied the chair of obstetrics and diseases of women and children at the organization of the med. coll. of Evansville, and lectured there for five consecutive seasons. Since 1870 he has held the chair of principles and practice of obstetrics in the same institution. He was a member of the convention at Baltimore which nominated Franklin Pierce for president. For three years during the civil war he was contract surg. and had charge of hosp. No. 4 at Evansville. In June, 1835, he married Elizabeth Clark.

COMBS, JOHN SHAW, Owensville, O., of Scotch parentage, was born, Nov. 24th, 1820, in Clermont co., O. He was educated at the Ohio Wesleyan univ., and graduated at the Ohio med. coll. in 1850, settling in Owensville, where he still resides. He is a member of the Am. med. asso.; of the Ohio State med. soc.; and of the Clermont co. med. soc., of which he was elected president in May, 1874. In the civil war he served as surg.-major of the 153d reg. Ohio vol. infantry.

DARLING, NELSON STRONG, La Porte, Ind., of old Puritan stock, was born, Oct. 4th, 1831, in Chesterfield, Hampshire co., Mass. He was educated at the public schools and the high school of Columbus, O., and graduated at the Starling med. coll. in 1853, having studied with Dr. R. L. Howard, prof. of surg. in that institution, and assisted him for a time in his practice. He settled at London, Madison co., O., where he remained till the fall of 1860, when he removed to La Porte, Ind. He is a member of the Ind. State med. soc.; of the St. Joseph valley med. soc.; and of the La Porte co. med. soc., of which he was elected secretary, June 26th, 1875, re-elected in June, 1876, and again in June, 1877. For eight years he was county phys. of La Porte co.; and two years a member of the city council, in which he took an active part in establishing the Holly system of waterworks for the city. He is married, and has six children.

MITCHELL, CHAUNCEY L., Brooklyn, N. Y., of Puritan ancestry from Halifax, England, who landed in Boston, Aug. 17th, 1635, was born in New Canaan, Fairfield co., Conn., Nov. 20th, 1813. His general education was received at New Canaan acad., and at Union coll., Schenectady, N.Y., and his medical education at the univ. of the State of N. Y. coll. of phys. and surg., whence he graduated in 1836. He commenced practice in New York city three years later and remained there till 1844, when he removed to Brooklyn. After graduating and previous to commencing practice, he spent one year in the New York city hospital, and two years in Paris. He is a member of the New York co. med. soc.; of the New York acad. of med.; of the phys. mutual aid asso.; of the soc. for the relief of widows and orphans of medical men; of the Am. med. asso.; and of the Kings co. med. soc., of the last-named he has been three times president. Is consulting phys. to the Long Island coll. hosp.; to St. John's hosp.; and to the home for aged and infirm men. He has contributed to medical papers on the "Effects of Ergot in Congestion of Male Genital Organs," "Labor Complicated with Disease of the Heart," etc. He has been married three times: the first time, in 1843, to Caroline, daughter of Hon. B. F. Langdon; the second time, in 1857, to Frances, daughter of Hon. Benjamin Wright; and the third time, in 1875, to Kate M., daughter of Hon. I. M. Van Cote.

JANEWAY, EDWARD G., New York city, was born, Aug. 31st, 1841, in Middlesex co., N. J. He was educated at Rutgers coll., N. J., from which he graduated in 1860, and pursued his professional studies at the New York coll. of phys. and surg., graduating in 1864, and settling in New York city. He is a member of the New York co. med. soc., of which he was censor in 1873; of the New York patholog. soc., of which he was vice-president in 1874; of the New York Medical Journal asso., of which he was pres-

ident in 1876; of the New York public health asso.; and of the Am. public health asso. His principal contributions to medical literature consist of articles in the medical journals of New York; of an article (of which he is joint author) in the Bellevue hospital Transactions, concerning the autopsies made in that institution; of an article on "Leucocythæmia," in the *New York Medical Record* of April 29th and May 6th, 1876; and of a clinical lecture on "Points in the Diagnosis of Hepatic Affections." In 1875 he was appointed health commissioner for the city of New York. In 1862 and 1863 he was acting medical cadet in the U. S. army hosps. at Newark, N. J. He was prof. of patholog. anat. in the univ. med. coll., New York, in 1869; prof. of patholog. and practical anat. in the Bellevue hosp. med. coll. from 1873 to 1876; and in the latter year prof. of patholog. anat. and histol., nervous diseases, and clin. med. in the same institution. From 1868 to 1871 he was visiting phys. to the Charity hosp., New York, and from 1870 to 1874 to the hosp. for epileptics and paralytics, as he has been to the Bellevue hosp. since 1871, and also one of the pathologists to that institution from 1867 to the present time. He likewise delivered a course of lectures on mat. med. and therap. at the Bellevue hosp. med. coll. from 1873 to 1876.

ROLER, EDWARD O. F., Chicago, Ill., was born, March 6th, 1833, near Winchester, Va. He is a son of P. W. and Catharine Carson Roler, of Virginia, the latter a member of one of the oldest families in the commonwealth. In 1850 he entered Asbury univ. at Greencastle, Ind., to which State his father had emigrated several years before, and completed his collegiate course, becoming in 1856 a student of Dr. W. H. Byford, of Chicago, and graduating from the Rush med. coll. in 1859, taking a prize for proficiency in his studies. He began the practice in Chicago, where he resumed it after the civil war, having previously spent a year in the hospitals of Berlin and Vienna. Soon after his return to Chicago in 1867, he was appointed lecturer on obstetrics and the diseases of women and children in the Chicago med. coll.; and in 1868 prof., conjointly with Prof. Byford, though he still lectures on obstetrics, which is his specialty as a practitioner. He is a member of the several medical societies of Chicago, and of the Am. med. asso. He has contributed at various times to medical journals. He was for two years surg. of the U. S. marine hosp. in Chicago, and is at present one of the board of examiners for pensions. In 1861 he entered the army as ass't surg. of the 42d Ill. vols., but before reaching the field was promoted by Gov. Yates to the rank of surgeon, and transferred to the 55th reg., remaining with it for a year, at the end of which he was assigned to duty as acting med. inspector, and subsequently as med. director of the 15th army corps, serving on the staff of Gen. W. T. Sherman while corps-commander, and afterwards on that of Gen. John A. Logan, and participating in all the battles of these commanders. He married, in 1867, Doretta J. Doering, only daughter of the Rev. C. H. Doering, D. D., of Berlin, Prussia, and superintendent of the Methodist missions in Germany.

BENJAMIN, HENRY RAWSON, Tampa, Florida, son of George N. Benjamin and Elizabeth (Rawson) Benjamin, was born at Pierpont, Ashtabula co., O., Jan. 27th, 1831. His general education was obtained at Kingsville, Ashtabula co., O. He studied law in Fort Wayne, Ind., was admitted to the bar in 1853, went to Nebraska in 1856, and to Colorado in 1859, and held minor offices under both territorial governments. He obtained his medical education at Berkshire coll., Pittsfield, Mass., and at Ann Arbor univ., Mich. He graduated M.D. from the latter in 1867, and commenced practice at Monroe, Ashtabula co., O. In 1870 he removed to Omaha, and thence to Tampa in 1875. His practice is general. He was secretary of the Omaha med. soc. in 1871, and president of it in 1872 and 1874. He is also a member of the Lake Shore med. asso., and of the State med. soc. of Nebraska. He entered the army in 1862 as 1st lieut. in the 39th Iowa vol. inf., was detailed for staff-duty in 1863 as A. A. Q. M. 2d div. 16th army corps, where he served until the fall of Atlanta, when he was detailed A. A. Q. M. 4th div. 15th army corps, where he served till the close of the war. In April, 1864, he was promoted to a captaincy. In 1853 he married Caroline Whitford, of Lisbon, Ind.; she died in Tampa in 1876, of phthisis.

FRENCH, LUCIUS, Davenport, Iowa, was born, Feb. 2d, 1832, in Chenango, Broome county, N. Y. Having attended a country school, he entered the Binghamton (N. Y.) academy, where he remained three years, supporting himself and paying for his tuition by his own exertions, and then began the study of medicine with his uncle, Dr. S. H. French, of Lisle, N. Y., graduating from the Berkshire med. coll. in Dec., 1853. He settled in Hyde Park, Pa., Feb. 15th, 1854, from which he removed to Lisle, Broome co.,

N. Y., in Dec., 1858, and thence to Anamosa, Jones co., Iowa, Oct. 9th, 1861, settling at Davenport, Iowa, in March, 1865. He is a member of the Iowa and Illinois central district med. asso.; of the Iowa State med. asso.; of the Scott co. med. soc., of which he was president in 1860 and 1861; and of the Davenport acad. of natural sciences. He is president of the board of pension surgeons for the Davenport district. In 1862 and 1863 he was ass't surg. of the 31st reg. Iowa vols. He has been thrice married; his second wife, a daughter of Judge W. L. Cook, having been the second white female child born in Scott county.

LYNCH, JOHN, Columbia, S. C., of Irish parentage, and the son of Conlaw P. Lynch and Eleanor McMahon Neillson, was born, Jan. 8th, 1819, at Cheraw, S. C. He was educated at the Cheraw acad., and graduated from the S. C. med. coll. in March, 1840. He practised for two years in Stanley co., N. C.; for fourteen years at Cheraw, his native place; and for the last twenty-one years has practised in Columbia. He is a member of the Richland med. soc.; of the Pee Dee med. asso.; and of the S. C. State med. soc.; and in 1852 was a delegate to the Am. med. asso. In 1865 he was appointed by Gov. Magrath surg.-gen. of the State of S. C., and in 1877 reappointed by Gov. Wade Hampton. He has been and is phys. to the hosp. of the State penitentiary. In October, 1868, he was elected prof. of physiol. and mat. med. in the med. school of the univ. of S. C., continuing to fill the chair until the close of the univ. in 1877. He married, Sept. 8th, 1842, Eliza Stull McNamara, of Salisbury, N. C., by whom he had four sons and six daughters.

SPEIR, S. FLEET, Brooklyn, N. Y., son of Robert Speir and Hannah S. (Fleet) Speir, of New York, was born, April 9th, 1838, in Brooklyn, N. Y. He was educated at the Polytechnic, Brooklyn, and graduated from the med. dep't of the univ. of the city of New York in 1860. He took the "Mott" gold medal, the "Van Buren Prize," and the "Wood Prize" on graduation, and also the prize essay gold medal from the Am. med. asso. in 1864. After spending two years in European capitals, chiefly in Paris, he returned and settled in Brooklyn. He is permanent member of the N. Y. State med. soc., and also of the Am. med. asso., and fellow of the New York acad. of med., and member of the New York patholog. soc. He is the author of the prize essay delivered before the N. Y. State med. soc., in 1871, on a new method of arresting surgical hemorrhage—by the artery constriction—for the instantaneous closure of arteries without the use of ligature, or other foreign substance to be left in the wound; of a paper before the New York acad. of med. on a new method for the differential diagnosis of morbid growths based on the examination of minute specimens. He has been surg. to Brooklyn city dispensary; curator and microscopist to Brooklyn city hosp.; and demonstrator of anat. at the Long Island coll. hosp.; phys. to Brooklyn city hosp., then surg. to the same institution; and surg. to the eye and ear infirmary. During the war he accompanied the U. S. sanitary commission to apply plaster of Paris splints. He married Frances S., daughter of Peter A. Hegeman, Esq., of New York city.

WISE, THEODORE NATHANIEL, Covington, Ky., son of Nat. S. Wise, was born June 29th, 1817, at Alexandria, Va., then a part of the District of Columbia. He was educated at the academy of Alexandria, and under private tutors, pursuing his professional studies at the Cincinnati med. coll., from which he graduated in March, 1837, settling the same month in Covington, Ky., where he has resided ever since. He is a member of the national med. soc.; of the Ky. State med. soc., of which he has been president; and of the Covington and Newport med. soc., of which he has repeatedly been president. For a number of years he was president of the Covington school board. He married in 1837, and again in 1852.

LYNES, SAMUEL, Norwalk, Conn., son of Stephen C. Lynes and Hannah Maltbie, was born, Dec. 1st, 1821, at Ridgefield, Conn. He graduated at Yale coll. in 1842, and at the New York coll. of phys. and surg., March 6th, 1846, settling in Norwalk. He is a member of the Norwalk med. soc.; of the Fairfield co. med. soc.; and of the Conn. med. soc. He is one of the trustees of the Conn. hosp. for the insane, and a director and president of several banks, insurance companies, and manufacturing companies. He married, Aug. 24th, 1854, Sarah L. Bush; and, June 23d, 1858, Emily A. Sherry. He has three children living.

AUSTIN, HIRAM W., Evansville, Ind., was born in Canfield, O., June 2d, 1850. His grandfather, B. Austin, of English descent, was one of the first settlers on the Western Reserve, and a man of means and education; his father, Dr. B. Austin, of Warren, O., died May 21st, 1870. He received

a literary education in the public schools of Warren, O., and at the univ. of Mich. He was prepared for a professional career in the med. dep't of the univ. of Mich., graduating from that institution April 1st, 1875. His first place of settlement was at Youngstown, O., whence he removed to Evansville, Ind. He is a member of the Tri-State med. soc. of Ind., Ill., and Ky.; and is an ass't surg. of the U. S. marine hosp. service, having charge of marine patients at the port of Evansville, Ind.; examination passed at Washington, July 20th, 1876; date of appointment to this office, Feb. 23d of the same year. He is lecturer on diseases of the nervous system at Evansville med. coll., and holds the position of clinical lecturer at St. Mary's hosp. in the same place.

BARTHOLOMEW, IRA H., Lansing, Mich., whose grandfather was captain of a company during the revolutionary war, was born in Waddington, N. Y., Jan. 4th, 1828. His literary education was received in the academies of Ogdensburg and Canton, and his medical education at the Mich. univ., from which he graduated M. D. in March, 1853, and settled at Waddington. He removed to Lansing in 1854. He was president of the State med. soc. in 1871; has been phys. to the Reform school; was mayor of Lansing in 1863, 1864, and 1865; member of the legislature in 1873 and 1874; and is president of the board of pension surgeons. In November, 1856, he married Effie A. Shank, of Springfield, Cayuga co., N. Y.

MUDD, HENRY HODGEN, St. Louis, Mo., son of Henry T. Mudd and Sarah Elizabeth (Hodgen) Mudd, born in Pittsfield, Ill., April 27th, 1844, was educated at St. Louis public and high schools, and at the St. Louis med. coll., and graduating from the latter in March, 1866, settled in St. Louis. He is a member of the St. Louis med. soc., and of the Am. med. asso. He is demonstrator in the St. Louis med. coll.

HAZZARD, JAMES S. R., Springfield, O., was born at Poplar Town, Worcester co., Md., Jan. 21st, 1827. He studied the English branches and Latin in the acad. at Snow Hill, and afterwards attended medical lectures at the Western Reserve coll., Cleveland, O., 1849–50, graduating from that institution in 1871. In 1874 he received *ad eundem* from the Cincinnati coll. of med. and surg. His first place of settlement was at Harmony, Clark co., O., to which place he had removed in April, 1850. Subsequently he continued the practice of his profession in Springfield, O., where he now resides. He is a member of the Ohio State med. soc., and of the Clark co. med. soc.; in May, 1867, was elected to the presidency of the latter body; and in 1871 was elected a delegate to the Am. med. asso. At the present time he is engaged in the general practice of medicine, and also superintends a farm, devoted to the breeding of short-horn cattle and other fine stock. His contributions to medical literature consist of various articles published in the *Lancet and Observer*, and also in the *Medical News*, Cincinnati, O. He was married January 19th, 1854.

HUBBARD, WILLIAM WARD, Perth Amboy, N. J., was born at Elyria, Lorain co., Ohio, March 25th, 1836. His father, the late Hon. Eber Ward Hubbard, M. D., who died in May, 1872, at Tuttenville, Staten Island, Richmond co., N. Y., was for three sessions a member of the Ohio legislature, and for one session a member of the New York legislature. His literary education was acquired at the high school in his native place, and at Chase's institute, Middletown, Conn. He received his medical training at Bellevue hosp. med. coll., New York, graduating from that institution March 1st, 1873. He subsequently entered upon the practice of his profession at Perth Amboy, N. J., where he has since permanently resided. He is a member of the Middlesex co. med. soc., and at the present time officiates as city physician and health officer, to which position he was appointed in 1874. During the late war he was hospital steward in the Confederate States army, and was actively engaged on field and hospital duty.

GILBERT, RICHARD B., Louisville, Ky., born at Taylorsville, Spencer co., Ky., Oct. 24th, 1842, studied medicine in the med. dep't of the univ. of Louisville; graduated doctor of medicine in March, 1868, and settled first at Owensboro', Daviess co., Ky., and then in Louisville, to which he removed in April, 1875. His specialty is diseases of children. He was formerly a member of the Green River med. asso., and Owensboro' med. soc., and was president of the latter in 1874–75. He is now a member of the Ky. State med. soc., and of the coll. of phys. and surg., Louisville, Ky. He is ass't demons. of anat. and lecturer on diseases of children in the univ. summer school, Louisville. During the year 1867 he was acting medical cadet U. S. army, and for some months he was acting ass't surg. In the years 1871 and 1872 he was city phys. of Owensboro', Ky. In March, 1869, he married Josie, daughter of George Beard, Esq., of Hawesville, Ky.

HARTPENCE, WILLIAM M., Oxford, N. J., was born in Broadway, N. J., June 3d, 1837, and is of native extraction. He received his preliminary education in the common schools of his native place, and was prepared for a professional career in Bowdoin med. coll., Maine; date of graduation from that institution, June 3d, 1865. His first place of settlement was at Alemuchy, N. J., where he remained for one year; at the expiration of that period he removed to Greensville in the same State, remaining there two years; his fourth year was passed in Vienna, N. J.; and ultimately he took up his residence at Oxford, N. J. He is a member of the Warren co. (N. J.) med. soc., and was elected president of that body in 1875. He was married June 25th, 1865, to S. Emma Bevan, of Ann Arbor, Mich.

WHANN, WALTER LOWRIE, Franklin, Pa., on his mother's side of Scotch ancestry, nephew of the Hon. Walter Lowrie, U. S. senator in 1818, and secretary of the senate in 1824; and cousin of Judge Walter H. Lowrie, of the supreme court of Pa., was born in Venango co., Pa., March 25th, 1819; educated at Franklin coll., New Athens, Harrison co., O.; graduated in medicine from the Starling med. coll., Columbus, Ohio, in 1856, and from the Jefferson med. coll., Philadelphia, 1868; and settled first in Clintonville, Venango co., and afterwards in Franklin. He is a member of the Venango co. med. soc., and was its president in 1875, and also of the Pa. State med. soc., and of the Am. med. asso. He was surg. of Venango co. during the draft in 1862, and was member of the house of representatives, Pa. legislature, in 1866 and 1867. In 1865 he married Frances E. Jones.

LATHROP, CHARLES CORNING, Denver, Col., son of the Hon. Charles C. and Elizabeth (Nichols) Lathrop, was born in New Orleans, La., April 9th, 1853. He was educated at Princeton coll., N. J., from which he received the degree of A. B. in 1873, and that of A. M. in 1876, graduating at the Bellevue hosp. med. coll. in 1875, having been an interne at the Bellevue hosp. in 1874, and house phys. and surg. of the Charity hosp. in Jersey City in 1874–75. In 1875–76 he practised in New York city, whence he removed in 1876 to Colorado for his health, settling in Denver the following year. He is a member of the Jersey City pathological soc.; of the Denver med. asso., of which he was secretary in 1877; and of the Col. State med. soc., of which he was secretary and librarian in 1877. He read before the N. J. acad. of med. a paper on a "Case of Aneurism of the Extemal Iliac," and one on "Cystic Degeneration of the Kidney," with cases. He is medical examiner for the Rocky Mountain life insurance company.

ARNOLD, JOHN WILLIAM SCHMIDT, New York city, was born, May 16th, 1846, in Charleston, S. C. He was educated at Columbia coll., New York, from which he received the degree of A. B. in 1868, and that of A. M. in 1871, in which latter year he also graduated in medicine at the Bellevue hosp. med. coll., entering upon the practice in New York city, where he has lived since 1851. He makes a specialty of physiology and microscopy. He is a member of the New York co. med. soc.; of the New York academy of medicine; and of the Medical Journal asso. His medical writings embrace lectures on various subjects, and papers relating to his specialty. He fills the chair of normal and pathological histology, as well as that of physiology and histology in the med. dep't of the univ. of New York; and is curator to the Bellevue hosp.

WEBB, ROBERT DICKENS, Livingston, Ala., son of Capt. S. S. Webb and Ann Moore Dickens Webb, was born in North Carolina, Nov. 14th, 1824. His education, both general and medical, was obtained in the univ. of Va., whence he graduated in 1850. He settled first in St. Louis, but removed to Livingston in 1853, on account of climatic influences producing bronchial troubles. He is a member of the Sumter co. med. soc., and of the Ala. State med. asso.; has been secretary of the former since 1866, was vice-president of the latter in 1874, and one of its board of censors in 1876. His contributions to medical literature are reports on "Syme's Perineal Section for Stricture and Scrotal Fistula," and a "Case of Diabetes Mellitus," *St. Louis Medical and Surgical Journal*, 1852; report on "The Diseases of Sumter County," to the State asso. in 1871; and report of "Hemorrhagic Malarial Fever," Transactions of State med. asso., 1876. In April, 1853, he married Julia Fulton.

BASSETT, HIRAM MORTON, Mt. Pleasant, Iowa, born at La Porte, Lorain co., O., Jan. 1st, 1840, graduated from the med. dep't of the Western Reserve coll., at Cleveland, O., in Feb., 1863. Before locating himself he entered the army. He was commissioned ass't surg. 113th Ohio vol. infantry, June, 1863; then surg. of the 121st Ohio vol. inf., and served till the close of the war. He settled in Iowa in July, 1865. He

is a member of the Iowa State med. soc., and of the association of medical superintendents of American hospitals for the insane. He was appointed ass't phys. of the Iowa hosp. for the insane, situated at Mt. Pleasant, in 1865, and superintendent in 1873. In 1875 he again became ass't phys. In Oct., 1872, he married Etta B., daughter of Hon. Peter Melendy, then U. S. marshal for Iowa.

DUGAS, ALEXANDER EDWARD, Augusta, Ga., born in Augusta, Ga., Jan. 5th, 1844, studied medicine at the med. coll. of Ga., and at the Bellevue med. coll., New York, graduated in March, 1875, and settled in Augusta. He was the first physician in Augusta who successfully treated a case of spinal curvature with Sayre's plaster jacket, Dec., 1875. In November of that year he invented a womb-adjuster. He is a member of the Augusta med. soc., and of the Augusta library, and holds the position of clinical assistant and lecturer on diseases of male organs of generation in the med. coll. of Ga. He is sanitary phys. to the 1st ward, Augusta, and performed active service in the Confederate army during the four years of the civil war. He married in Oct., 1876.

BRUGH, EZRA, New Wilmington, Pa., was born, May 18th, 1828, at Milford, N. J. He is the son of John and Rachel Brugh, of revolutionary descent in both lines. He was educated at various academies and schools, and at Princeton; studied medicine at the coll. of phys. and surg., New York city, and the univ. of Pa., Philadelphia, graduating from the latter. He settled in May, 1854, at Steubenville, O., from which he moved in April, 1861, to New Wilmington, Pa. He was a member of the Belmont co. (O.) med. soc., of which he was at one time vice-president; and is a member of the Lawrence co. (Pa.) med. soc., of which he was elected president in Jan., 1877. He has contributed papers to leading medical journals. He married Jane Le Breton, granddaughter of Chancellor Sandford, formerly U. S. senator from New York, and has one daughter living.

LEECH, GARRET DAVIS, Muncie, Ind., was born, July 3d, 1848, at Dunlapsville, Union co., Ind. He was educated at Liberty, Ind., and the Miami univ., Oxford, O., attending lectures in 1873 and 1874 at the Ohio med. coll., Cincinnati, and graduating from the Bellevue hosp. med. coll. in Feb., 1875. He settled at Muncie, Ind. He is a member of the Ind. State med. soc.; of the Delaware district med. soc., of which he is secretary; and of the Muncie acad. of med., of which he has been secretary for the last two years. In 1875 and 1876 he was secretary of the board of health of Muncie. He married, April 18th, 1876, Lucy Biggs, of Oxford, O.

HYATT, ELISHA H., Delaware, O., was born near Wooster, Wayne co., O., Feb. 19th, 1827, and is of Scotch extraction. His literary education was acquired at the academy at Edinburgh, and he subsequently became the recipient of a literary course at Ohio Wesleyan univ.; his medical studies were completed at Starling med. coll.: dates of graduation, at Ohio Wesleyan univ., 1849; at Starling med. coll., winter of 1856–57. For want of means he practised for five years before graduation, and for the expenses of his education, from first to last, was thrown entirely upon his own resources. His first place of settlement was in the western part of Delaware co., O., whence in 1861 he removed to the city of Delaware, where he now resides, actively engaged in the practice of his profession. While a general practitioner, he has made a specialty of surgery, and has performed almost every important operation in that branch of medical science, including two cases of trephining the skull in fractures. In 1875 he was elected prof. of materia medica and therapeutics in Columbus med. coll.; he is a member of the Am. med. asso.; of the Ohio State med. soc.; and of the central Ohio med. asso.; he is also president of the med. asso. of Delaware co., O., elected Jan., 1877; and an hon. member of Northwestern med. asso. During the war of the rebellion he entered the U. S. volunteer service, as capt. co. A, 20th Ohio reg., and afterwards was appointed to an ass't surgeoncy. His contributions to medical literature consist of a paper on "The Therapeutics of Alcohol," classing it among narcotics — maintaining "that it is not in a just sense a food, and that from its known effects upon albumen and fibrine, and also upon the red blood discs, it interferes with and prevents, in a great degree, the proper nutrition of the body— causes contraction of the red globules, emptying them of their protogen (a necessary ingredient in the nerve centres). Therefore, no nutrition can be afforded by alcohol to the nervous system; it, on the contrary, lessening nerve force, and weakening muscular power. Again, instead of increasing the caloric of the human body, it lowers the temperature;" also two contributions on hæmetic medicines, one on catolitic, and one on restorative hæmetics, etc., etc. He has been twice married, in 1851, and again in 1873.

EVERTS, ORPHEUS, Indianapolis, Ind., of English and Dutch ancestry, son of Dr. Sylvanus Everts, of Rutland co., Vt., was born in Union co., Ind., Dec. 26th, 1826. His medical studies were pursued at Laporte, Ind., and at the Ind. med. coll., whence he graduated in 1856. He subsequently received the honorary degree of M. D. from Mich. univ., in 1865, and from Rush med. coll. in 1867. He practised six years in St. Charles, Ill., and then removed to Indianapolis. In the former place he was associated with Dr. G. W. Richards, who died in 1854. He is a member of the Ind. State med. soc., of the Marion co. med. soc., and of the asso. of Am. supt's of hosps. and asylums for the insane. He has been sup't of the Ind. hosp. for the insane since 1868. He was appointed surg. 20th reg. Ind. infantry, in July, 1861, and served four years in the field, in the army of the Potomac, on staff duty with brigade, division, and corps, and, with the exception of Bull Run and Antietam, was present at all the battles of the army of the Potomac. He was presidential elector from Indiana in 1856, register of land office, Wisconsin, from 1857 to 1861, and was elected to the legislature in 1867, but did not serve. He has contributed occasionally to medical and other papers. In 1847 he married Mary, daughter of Dr. G. W. Richards, of St. Charles, Ill.

HOYT, JAMES MERRILL, Walled Lake, Mich., son of Jonathan Hoyt, M. D., and Prudence Hoyt, was born in East Aurora, Erie co., N. Y., Oct. 5th, 1817. He received his literary education at Aurora acad., and pursued a course of medical studies under the tuition of the late John E. Marshall, M. D., of Buffalo. He subsequently entered Geneva med. coll., N. Y., whence he graduated, receiving his diploma in Jan., 1839. In the course of the following year he settled in Commerce village, Oakland co., Mich., and in 1842 removed to Walled Lake, Oakland co., Mich., where he has since resided, actively and extensively engaged in professional labors. He is a member of the Am. med. asso., with which he became connected in 1875; also of the Mich. State med. soc., which he joined at its organization in 1866; and of the Oakland, Wayne, and Washtenaw med. soc., of which he was one of the original members; of this latter body he was elected vice-president at its organization, Dec. 7th, 1871; and Dec. 5th, 1872, was selected to officiate as its president. He has twice been elected to the Michigan senate, and during the session of 1859 officiated as chairman of the committee on asylums for the deaf, dumb, and blind. On this occasion he was the author of the report of that committee, which document was warmly eulogized as a very able state paper, and approved by both branches of the legislature. Owing to a sudden illness that attacked him in the winter of 1875–76, the result of too-zealous devotion to his professional duties, he is now nearly deprived of eyesight, and practises only in consultation with other members of his profession. In 1841 he was married to Margaret, daughter of Hiram Barrett, who died July 25th, 1859; May 1st, 1860, he was again married, to Eliza, daughter of Lyman Hathorn.

WOOLEN, GREEN VINTON, Indianapolis, Ind., son of Milton Woolen and Sarah Woolen, was born in Indianapolis, Ind., June 24th, 1840. He received his preliminary education in Indianapolis, and under private teachers; studied medicine under Prof. J. S. Bobbs, of Indianapolis, and at the Cincinnati coll. of med. and surg., and at the Bellevue hosp. med. coll., from which latter he graduated in 1865. He settled in Indianapolis, in the general practice of medicine and surgery. He has been a member of the Marion co. med. soc. since its organization, of the Ind. State med. soc. since 1861, and of the Am. med. asso. since 1867. He has been secretary of the State soc. since 1869. During the war he was surgeon in the State service, from May till Sept., 1861; then was commissioned ass't surg. of the 27th Ind. vols. He remained till Sept., 1864, in the U. S. service, during which he was principally engaged as surg. of artillery brigade of 12th and 20th army corps, and participated in all their battles. He was captured at Cedar Mountain, and was among Gen. Pope's officers who were held as hostages in Libby prison. From July, 1866, to July, 1870, he was sup't of Indianapolis city hosp. In Feb., 1864, he married Mary A., daughter of Hon. Daniel R. Smith, of Indianapolis.

JOHNSON, JOHN THADDEUS, Atlanta, Ga., son of John F. and Margaret Johnson, was born in Morgan co., Ga., June 25th, 1845. He was educated at Madison, Ga., med. dep't univ. of Ga., and in Washington univ., Baltimore, Md., his date of graduation being March 3d, 1868. He subsequently entered upon the active practice of his profession at Atlanta, Ga., where he now resides. While engaged in general professional labors, he has paid special attention to diseases of the genito-urinary system. He is a member of the Atlanta acad. of med., and of the med. asso. of Ga., of which latter body he is now secretary. He is prof. of anat. and

lecturer on venereal diseases in Atlanta med. coll., and is also dean of that institution. His contributions to medical literature consist of "Rational Abortive Treatment of Urethritis," "Treatment of Retention of Urine," "Narrow Meatus (Congenital) as Cause of Stricture of Urethra;" "Comparative Value of Different Methods of Treatment for Stricture of Urethra." He was married, Dec. 16th, 1875, to Anna Banks, of Griffin, Ga.

HAYWOOD, FABIUS JULIUS, JR., Raleigh, N. C., son of Dr. F. J. and Martha H. Haywood, of Raleigh, N. C., was born in that city Oct. 1st, 1840. He graduated at the univ. of N. C., and studied medicine at the Bellevue hosp. med. coll., New York, graduating in 1868, and establishing himself in general practice in Raleigh. He is a member of the N. C. State med. soc., and of the Raleigh acad. of med., and has been treasurer of, and is now (1877) president of the latter. He held an officer's commission in the Confederate States army during the civil war. He is medical examiner for Raleigh, N. C., of the Piedmont and Arlington life insurance company, of Richmond, Va. In Dec., 1875, he married Nannie, daughter of Wm. Grimes, Esq., of Raleigh.

COONS, ISRAEL A., Spring Hill, Kansas, was born, July 10th, 1827, in Fairfield co., O. He was educated at Circleville, O., and in the vicinity, studying medicine at the Ohio med. coll., Cincinnati, and the Starling med. coll., Columbus, graduating from the latter in 1852. In 1847 he settled at Liberty, O., seven miles from Dayton, into which he moved in 1852, removing thence, in 1864, to Middletown, O., whence he removed to Spring Hill, Johnson co., Kansas, his present residence. He is a member of the Johnson co., Kansas, med. soc., of which he was president; of the Montgomery co., O., med. soc., of which he has been president; of the Butler co., O., med. soc., of which he has been president; of Ohio State med. soc., of which he was a vice-president in 1854; of Miami co., Kansas, med. soc., of which he is president; of the Kansas State med. soc.; and of the Am. med. asso. In 1858, or thereabouts, he read before the Ohio State soc. a paper on "A Substitute for Quinine," and has contributed to the *Western Lancet* several articles on "Dysentery," "Constipation," and other subjects. In the spring of 1861 he entered the army as surg. of the 14th reg. of O. vol. infantry in the three months' service, and was subsequently commissioned surg. of the 38th reg. of Ohio troops in the three years' service, serving altogether about two years and a half, for the greater part of the time as brigade surg., for a short time medical director of a division, and having charge of a general hospital on the field at Stone river, besides being present at Pittsburgh Landing, Tulahoma, Corinth, Laurel Hill, Cheat river, and other engagements. He had charge of a case in the army in which a minie musket ball passed as directly through the knee-joint, from side to side, as it was possible to go; he refused to amputate because thirty hours had elapsed from the time of the injury before he saw the case. The soldier recovered with a good joint, and enlisted the second time. He has been married thirty years, and has four children, all grown and married.

HILDRETH, THADDEUS, Gardiner, Me., born in that place May 1st, 1827, is the son of Michael Hildreth, of England. He was educated at the medical school, Bowdoin coll., Me., and Dartmouth medical school, Hanover, N. H., graduating from the latter institution in the spring of 1855. His first place of settlement was at Bath, Me., whence he removed to Gardiner, Me., where he has since resided, actively engaged in the practice of his profession. He is a member of the Maine med. asso., and of the Kennebec co. med. asso., and has also served as U. S. pension examining surgeon; also for several years as city phys., Gardiner, Me. During the war he was commissioned surg. of the 3d reg. Me. vols., 1861, and acted in that capacity until the expiration of his term of service, June, 1864. At the time of leaving the army he was surg.-in-chief of 1st brig. 3d div. 2d army corps, army of the Potomac. He was married, Nov. 15th, 1855, to Ann M. Leavey.

EGBERT, THADDEUS W., Oil City, Pa., was born, Aug. 9th, 1836, in Sandy Lake township, Mercer co., Pa. Having attended a district school, he entered the univ. of Mich., and graduated from the Ohio med. coll. in July, 1863, settling at Oil City, Venango co., Pa. Among his principal cases may be mentioned the simultaneous amputation of both legs, one above and the other below the knee; the amputation of both arms below the elbow; amputation at the shoulder-joint; and re-section of the knee-joint. The operation in each of these cases was successful. He is a member of the Venango co. med. soc.; of the Pa. State med. soc.; and of the Am. med. asso. In 1872 he made a report on scarlet fever to the State med. soc. He married, April 7th, 1859, Ruth R. McClure, who died Jan. 7th, 1860; and, April 14th, 1864, Nancy Jane Clingan.

HOWELL, A. ALEXANDER, Allentown, N. J., was born near Trenton, N. J., May 10th, 1818, and is the son of William Howell, a well-known and influential farmer of N. J., who held many offices of trust during his lifetime, *i. e.*, judge of the courts, New Jersey, etc., etc. His mother was a descendant of Rev. John Guild. His literary education was acquired at Lafayette and Princeton colls.; and he was prepared for a professional career at Jefferson med. coll. His degree of A. M. was conferred by the former institution; date of graduation, March 1st, 1841. His first place of settlement was at Milford, N. J., whence he removed to Carversville, Pa.; settling finally at Allentown, N. J. He is a member of the Monmouth co. med. soc., N. J.; was, seven or eight years ago, reporter for three years of that body, and sent his report to the standing committee of the N. J. med. asso. He has held the offices, in Allentown, N. J., of assessor, school superintendent, and postmaster; was chairman of the first meeting held in Allentown for the purpose of raising soldiers for the late civil war; is president of a mutual beneficial life insurance company, and has been president of many minor societies and associations. He was married to Isabella Beatty, daughter of Richard L. Beatty, and granddaughter of General John Beatty, who was the first president of the N. J. med. soc., at the close of the revolutionary war. He has one son, J. Beatty Howell, a missionary in San Paolo, Brazil.

PEARSON, ISAAC W., York Springs, Pa., was born, June 6th, 1824, in Adams co., Pa. He is a descendant of the Pearson who came over with Penn, and settled in Philadelphia or Chester. After receiving a common school education he studied medicine with Dr. H. C. Metcalfe, of York Springs, where he began to practise in 1850. He is a member of the York co. med. soc., of which he was president in 1876 and 1877; and was elected a delegate to the State society in 1876, as also to the Am. med. asso. in 1877.

DORR, LEVI LEWIS, San Francisco, Cal., born at North Bridgewater, Mass., April 6th, 1840. He received his general education at Partridge acad., Duxbury, Mass., and his medical education at the Georgetown coll., Washington, D. C., and at the Bellevue hosp. med. coll., New York city, and graduated from the latter in 1866. He settled in San Francisco in 1873, having previously —from 1867 to 1872—been acting ass't surg. U. S. army, and afterward surgeon of Pacific mail steamship company. He is a member of the San Francisco med. soc. His contributions to medical literature consist of a few post-mortems, published in the *Pacific Medical and Surgical Journal*. He has been ass't resident phys. to city and county hosp., San Francisco, prof. of materia medica in Pacific med. coll. during 1876, and is now consult. phys. of Pacific dispensary for women and children. During the war of the rebellion he served in the hospital and in the field. He is examiner for the New York life insurance company. He married in April, 1873.

DIXON, LUCIUS JEROME, Milton, Vt., was born at Underhill, Chittenden co., Vt., Nov. 22d, 1829. His grandparents were Scotch and Irish; his mother was an American. In early life he received a public school education, and instruction from a private tutor also. In June, 1858, he graduated from med. dep't univ. of Vt. His first place of settlement was in Milton, Vt., whence he removed to Madison, Wis., 1860–61. Since 1867 he has resided in the former place, actively engaged in professional labors. He is a member of the State and county med. socs. of Wis. and Vt.; during the war of the rebellion was surgeon of the 1st reg. Wis. infantry for a period of three years; and for nearly two years acted in the capacity of staff surg. U. S. army. In 1874–75 he served as a member of the Vermont legislature. He was married in 1852.

CHRIST, THEODORE STERNER, Chester, Pa., was born in Lewisburg, Union co., Pa., April 21st, 1830. His parents and grandparents also were natives of Pennsylvania. He received his academic education at Lewisburg acad., in his native place, and entered upon a course of studies in medicine at the univ. of Pa., Philadelphia, Pa., graduating from that institution March 15th, 1860. His first place of settlement was at Lewisburg, Pa. Upon the first call of President Lincoln for volunteers, April 15th, 1861, he assisted in raising a company of men to aid in the defence of the Union. Three days afterward he reported for duty at Harrisburg, Pa., and was then commissioned ass't surg. in the regiment to which his company was attached. Upon receiving an honorable discharge at the expiration of his first term, he re-entered the service as ass't surg. in the 4th reg. Pa. vols., Oct. 12th, 1861; was promoted surgeon of the regiment Aug. 4th, 1862, and for one year was brigade surg. During his last year of service he was sur-

geon-in-chief of 2d division 9th army corps, and Oct. 20th, 1864, was honorably discharged by reason of the expiration of his term. At the conclusion of the rebellion he established himself in practice in Chester, Delaware co., Pa., in May, 1865, and there has continued to reside, constantly occupied in professional labors. As a general practitioner he has had a very varied experience, both in army and private practice, and had many cases of unusual interest in medicine, surgery, obstetrics, etc. He is a member of Delaware co. med. soc., and has been its treasurer from 1869 down to the present time; re-elected annually in January. He is also a permanent member of the State med. soc. of Pa., and a member of the Am. med. soc. He has lectured before the Delaware co. med. soc., and has been a contributor to the "Medical and Surgical History of the War of the Rebellion." He is now U. S. exam. surg. for pensions, Delaware co., Pa., and also president of the Chester city council, Delaware co., Pa. He is president of the board of stockholders of the Pa. military acad., stock company, at Chester, Pa., and for six years has held the position of surgeon in charge of that institution. He was married, Dec. 6th, 1871, to Sarah Irvin Thompson, of Centre Furnace, Pa.

WOLFLEY, WILLIAM IRVIN, Columbus, O., was born, Jan. 6th, 1838, in Lancaster, O. He is the son of Lewis Wolfley, surgeon in the U. S. navy, and Eleanor Irvin, daughter of the Hon. William Irvin, of Lancaster, O. He was fitted for college at a private academy; graduated from Kenyon coll., O., in 1857; and received his medical degree from the univ. of Pa. in 1861. He was for several months resident phys. in the Protestant Episcopal hosp. at Philadelphia; after which, having passed the prescribed examination in Washington city, he was appointed ass't surg. in the U. S. army in Jan., 1862, serving in that capacity through Buell's campaign, in hospitals at Washington, and for a year in South Carolina, becoming then surg. of U. S. vols., and being on duty for a year and a half as surgeon-in-chief of De Russy's division. In Aug., 1865, he resigned his place in the army and went to Europe, where he spent two years, studying French in Paris, German in Berlin, and special medical courses in both. From 1868 to 1873 he practised in Cincinnati, O., removing in the latter year to Columbus, the capital of the State. He makes a specialty of the diseases of the eye and ear. He married, Jan. 6th, 1870, Elizabeth Fickardt, and has four children.

BUTLER, JOHN SIMPKINS, Hartford, Conn., was born, Oct. 12th, 1803, at Northampton, Mass. He graduated at Yale coll. in 1825, and at the Jefferson med. coll. in 1828, settling in May, 1829, at Worcester, Mass., whence he removed to Boston in Oct., 1839, on his election as superintendent of the Boston lunatic hosp., and phys. and surg. of the public institutions at South Boston, offices which he gave up in Oct., 1842, and went into general practice in Boston; but having been elected in May, 1843, superintendent of the Conn. retreat for the insane, at Hartford, he took up his residence in that city, where he has since remained. In Oct., 1872, he resigned the latter position, after nearly thirty-three years of service as superintendent of lunatic hospitals. Since his resignation of the superintendency of the retreat, he has acted as expert and consult. phys. in the specialty of diseases of the brain and nervous system, to which his practice is now strictly limited. He is a member of the asso. of superintendents of Am. institutions for the insane, of which he was president for three years, beginning with 1870; and of the Am. asso. of social science, and hon. member of the medico-psychological asso. of Great Britain, to which he was elected in 1871. He married, Oct. 4th, 1832, Cordelia Williams, of Boston.

KEENEY, CHARLES T., Nashville, Tenn., of Scotch-Irish descent, was born, April 12th, 1840, at Tuscaloosa, Ala. After taking a partial course at the U. S. naval acad., he entered the med. dep't of the univ. of Nashville, Tenn., from which he graduated in the spring of 1861, settling first in Winslow co., Miss., where he remained until the outbreak of the civil war, at the close of which he settled in Dawson, Ga., whence he removed to Macon, Ga., and thence to Kentucky in 1870; finally locating, in 1877, at Nashville, Tenn. He has operated successfully for strangulated inguinal hernia. His specialty at this time is the opium and morphine habit. He is a member of the Shelby co. (Ky.) med. soc., of the Transylvania (Ky.) med. soc., and of the Ky. State med. soc. During the civil war he was first lieutenant and ass't surg. in the Confederate army. He married, December 28th, 1862, and has a child.

MACKRES, HENRY OLIN, Corry, Pa., of Scotch descent, was born, Dec. 16th, 1824, at Calais, Washington co., Vt. He was educated at Randolph, Cattaraugus co., N. Y., and attended lectures at the Western Reserve med. coll. and the Buffalo

med. coll., graduating from the latter in 1867. In 1849 he settled at Clymer, Chautauqua co., N. Y., from which, in 1867, he removed to Corry, Erie co., Pa. He is a member of the Erie co. med. soc., of which he was elected censor in 1875, and president in Jan., 1877. From 1853 to 1861 he was postmaster of Clymer. He married, in 1850, Artemisia Johnson.

WOODRUFF, AMOS C., Francisco, Ind., was born, July 20th, 1841, in Spencer co., Ind. He graduated from the Ind. med. coll., Indianapolis, Feb. 28th, 1875, settling at Francisco, Gibson co., Ind., June 16th of the same year, having previously prosecuted the business of a druggist for four years at Richland City, Ind. His practice includes a notable case of cancer of the stomach. He is a member of the Gibson co. med. soc., of which he was elected president, June 30th, 1877; and of the Ind. State med. soc. He has read various papers before the county society. He was postmaster at Richland City, Ind., for three years, beginning with 1872. He married, Feb. 14th, 1865, Victoria Rama, of Grandview, Ind.

CUNNINGHAM, JOSIAH GUY, Kittanning, Pa., was born in Jefferson co., O., Feb. 2d, 1842, and is of Scotch-Irish extraction. His preliminary education was acquired at Bethel acad. and various select schools, and he was prepared for a professional career in Jefferson med. coll., Philadelphia, Pa.; date of graduation, J. M. C., March 9th, 1867. Immediately upon graduating he established himself at Kittanning, Pa. During the progress of the civil war, from 1862 to 1865, he was located in a hospital at Fort Delaware—being then a student of medicine, and serving as ass't or acting hosp. steward. He is a member of the Armstrong co. med. soc., and corresponding secretary of that body, elected 1876. While engaged in active service he acted for some time in the capacity of gunner in a battery of heavy artillery, and was subsequently transferred to hospital duty. He has held the office of phys. to Armstrong co. prison. He was married, Dec. 3d, 1868, to Sallie D. Reynolds.

WOODY, ENOS S., Thorntown, Ind., was born, April 15th, 1832, in Orange co., N. C. He received his education in his native State, under Mr. William Johnson, and studied medicine with Dr. William P. Waring, of Indiana; but, on account of family cares and want of means, never graduated. He commenced practice in 1866 at Thorntown, Boone co., Ind., where he still resides. He is a member of the Ind. State med. soc., and of the Drake med. soc. of Boone co., of which he was elected vice-president in April, 1877. He married, Dec. 8th, 1852, Malinda Barker.

MITCHELL, JOHN PATTON, Clarksville, Ark., was born, July 24th, 1834, in Culpepper co., Va. He was educated at the univ. of Va., and graduated from the Jefferson med. coll. in March, 1858, settling in Wytte co., Va., whence he removed, in Dec., 1859, to Clarksville, Johnson co., Ark. Among his notable cases may be mentioned one of a soldier of the 16th Ark. vols., across the middle of whose forehead a piece of shell had ploughed its way, breaking up nearly the whole of the frontal bone into small fragments, detaching the orbital plates, and occasioning a loss of not less than forty grains of the brain; the patient, on the removal of the fragments and the cleansing and dressing of the wound, recovering consciousness, and rapidly recovering strength and health, without loss of sight or serious impairment of mind. He is a member of the Ark. med. soc., of which he was elected vice-president in May, 1876. He has been a frequent contributor to medical journals. For a number of years he has been a school director in the city of Clarksville. During the civil war he served for one year as a captain in the Confederate army, and afterward as a surgeon to the close of the war, surrendering with the Confederate forces in North Carolina in 1865. He married, May 31st, 1866, Letitia H. Willis, of Johnson co. Ark.

COLE, WILLIAM CARNAHAN, Attica, Ind., was born, July 16th, 1828, in Washington, Daviess co., Ind. He was educated at the Washington seminary, and studied medicine at the med. coll. of O., from which he graduated March 4th, 1868, eighteen years having intervened between his first and second courses. He practised at Newtown, Fountain co., Ind., until 1860, when he changed his location to the neighborhood of Attica, in the same county. He is a member of the Ind. State med. soc., and of the Fountain co. med. soc., of which he was elected treasurer, April 6th, 1876, and re-elected April 6th, 1877. He served as a private under General Scott through the war with Mexico, and three years in the civil war—two years as surgeon of the 72d reg. of Ind. vols., and one year as acting brigade surg. of the 1st brigade of the 2d division of cavalry. He married, May 3d, 1853, M. A. Carnahan.

HUNT, OLIVER G., State Centre, Iowa, of English and Scotch descent, was born, Jan. 12th, 1837, in Boston, Mass. He graduated in medicine at the univ. coll. of New York city, in the spring of 1860, and settled first at Sandwich, Ill., next at Northville, Ill., and, after the civil war, at State Centre, Iowa. He is a member of the Iowa State med. soc., and of the Iowa Central med. asso., of which he has been vice-president. He has held at various times the offices of councilman, alderman, mayor, and representative. At the first call for troops, in 1861, he entered the army as ass't surg. of the 11th Ill. infantry, becoming soon after surgeon by promotion. He has been twice married, and has one child, the offspring of his first wife.

WHITE, EDWARD G., La Grange, Ind., was born, March 22d, 1830, at Palmyra, Wayne co., N. Y. Having attended an academy at Canandaigua, N. Y., he read medicine with Prof. S. M. Smith, of Columbus, O., and graduated from the Starling med. coll., in that city, Feb. 14th, 1854, settling, Aug. 18th, of that year, at Hebron, Licking co., O., whence he removed in 1855 to Jacksontown, in the same county, and thence, in 1857, to La Grange, Ind. He is a member of the Am. med. asso.; of the Ind. State med. soc.; of the northeast Ind. med. asso., of which he was elected vice-president in June, 1873; of the St. Joseph Valley med. asso., of which he was elected vice-president in January, 1876; as also a representative at Philadelphia in that year; and of the La Grange co. med. soc. He has held the office of pension examiner from March, 1869, to the present time. From January, 1863, to June, 1865, he served as acting ass't surg. in the U. S. army. He married, in October, 1856, Agnes R. Murch, of Lima, Licking co., O.

HAYES, PLYMMON SANDFORD, Chicago, Ill., son of Dr. Justin Hayes, was born, Dec. 1st, 1850, at Shalersville, Portage co., O. He graduated at the Chicago high school in 1869, and from the Rush med. coll., Jan. 17th, 1872, settling in Chicago. In November, 1877, he performed ovariotomy in a case in which he had employed electrolysis for three years without effecting a cure; and in the same year amputated the breast, and removed with the galvano-cautery the enlarged axillary glands of a patient effected with scirrhus. He is a member of the Ill. State med. soc., in which he was elected chairman of the committee on electro-therapeutics in May, 1877, and still holds the position; of the Chicago soc. of phys. and surg.; of the medico-historical soc., of which he was elected secretary in 1876, and re-elected in 1877; of the social senate of Rush med. coll.; and of the med. press asso. In 1870–71 and 1871–72 he was assistant to the professor of chemistry in Rush med. coll.; was lecturer on chemical physics in that institution, but resigned the lectureship in 1877; and in 1876 and 1877 lectured on chemistry in the Woman's hosp. coll., in which he was elected to the professorship in 1877. He married, Feb. 23d, 1876, Hattie H. Hayden, of Washington, D. C.

GRAHAM, WILLIAM BRADEN, Noblesville, Ind., principally of Scotch ancestry, was born in North Washington, Butler co., Pa., Oct. 22d, 1835. His literary education was received at West Sunbury acad., Butler co., Pa., and he graduated in medicine from the Rush med. coll. of Chicago, in March, 1861. He commenced practice in Clarksville, Ind., and after the war settled in Noblesville. Among his cases was the successful removal of all the metatarsal bones from a foot in a case of necrosis. He is a member of the Hamilton co. med. soc., was its secretary during 1876 and 1877; of the Ind. State med. soc.; and of the Am. med. asso. From February to December, 1863, he was ass't surg., and from January, 1864, to the close of the war surg. of the 101st Ind. vols. In July, 1865, he married Clara Darrow, of Noblesville, Ind.

HUGUS, HIRAM PAUL, Ravenna, O., of German extraction, was born at Salem Cross Roads, Westmoreland co., Pa., Aug. 30th, 1839. His literary education was obtained at Eldersridge acad., and at Jefferson coll., Cannonsburg, Pa., and his medical at Jefferson med. coll., and Long Island coll. hosp., Brooklyn, N. Y. He graduated A. B. in 1862, A. M. in 1866, and M. D. in 1865. He located first at the place of his birth, where he remained four years, then he removed to Orrville, Wayne co., O., and here he also remained four years. He then settled in Ravenna. He is a member of the Ohio State med. soc., and of the Portage co. med. soc.; and has been secretary of the latter since 1874. He has been for three years one of the local surgeons of the C. & P. railroad.

CLEAVER, HIRAM THOMAS, Keokuk, Iowa, of Quaker parentage, was born, Feb. 17th, 1822, at Centreville, Washington co., Pa. He was educated at the Friends' seminary, New Lisbon, O., and studied medicine at the Keokuk coll. of phys.

and surg., and the Chicago med. coll., graduating from the former in 1862, and from the latter in 1872. He settled at Unity, Columbiana co., O., in January, 1844, at New Lisbon, in the same county, the following April, at Wapello, Louisa co., Iowa, in 1848, and at Keokuk in July, 1862. He is a member of the Am. med. asso.; of the Iowa State med. soc., of which he has been vice-president and president; of the Keokuk city med. soc., of which he is now president; and of the Louisa co. (Iowa) med. soc., of which he was a member from 1850 until 1864. He represented the counties of Louisa and Washington, in the Iowa State senate, from 1854 to 1858. In the civil war he served as acting ass't surg. of the U. S. army, having charge of the Fifth street U. S. general hosp., in Keokuk, from 1862 to 1865. Since 1862 he has been prof. of obstetrics and the diseases of women, in the coll. of phys. and surg. at Keokuk.

BYRNE, JOHN, Brooklyn, N. Y., was born at Kilkeel, in the county of Down, Ireland, Oct. 13th, 1825. His father, Stephen Byrne, who was an extensive and successful merchant, sent his son, at an early age, to a leading classical seminary at Belfast. In his thirteenth year he became the pupil of a celebrated classical and mathematical preceptor, Rev. William Craig, a Moravian minister, in his native town. Having thus received a thorough preliminary education, he commenced the study of medicine, as pupil of Dr. Daniel Murray, a prominent general practitioner, in Belfast. He matriculated at the Royal institution of that city in 1842, where he completed his first "*annus medicus*," comprising, in addition to practical pharmacy and chemistry, lectures on anatomy and physiology, hospital attendance, and dissections, such course being recognized and required by the curricula of the various British colleges. During the succeeding five years his professional studies were pursued in the universities of Dublin, Edinburgh, and Glasgow, the last session having been spent in Edinburgh, where he graduated in 1846. His professional career opened by an appointment to the charge of a temporary fever hosp. in his native country, during an epidemic of typhoid in 1846–47. His selection for the discharge of the duties attached to this responsible position was based mainly on his unusually large hospital experience, amounting to over four years actual attendance. By the introduction of important sanitary measures, and the systematic general management of this institution, the mortality during his service was remarkably reduced, so much so as to call forth flattering commendations from British government officials, and a handsome testimonial from the local public authorities. He emigrated to the United States, and settled in Brooklyn in 1848. In 1853, with a view to enlarge his professional associations, he graduated at the New York med. coll., then located in east Thirteenth street. He was one of the originators and active founders of the Long Island coll. hosp. in 1856. His specialty is diseases of women; and he is the author of several able papers, and numerous periodical contributions on subjects connected with gynæcology, besides monographs, prominent among which may be mentioned "Researches and Observations on Pelvic Hæmatocele" (1862); "Clinical Notes on the Electric Cautery in Uterine Surgery" (1872); "Amputations and Excisions of the Cervix Uteri," etc., 1877. He has given considerable attention to the science of electro-physics, and to his experimental researches in this department the profession is indebted for the very complete galvano-cautery apparatus which bears his name. He is a fellow of the New York acad. of med.; member and late president of the New York obstet. soc.; fellow of the Am. gynæcolog. soc.; late clinical prof. of uterine surgery in the Long Island coll. hosp.; member of the Am. med. asso.; member of the Kings co. med. soc.; and surgeon-in-chief to St. Mary's hosp. for diseases of women, Brooklyn.

WILTSHIRE, JAMES GARRARD, Baltimore, Md., was born in Virginia, Sept. 23d, 1844. He attended the med. dep't of the univ. of Va. through the session of 1867–68, and graduated from the med. dep't of the univ. of Md. in 1869, settling in the spring of that year at Duffields, Va., whence he removed in the summer of 1872 to Funkstown, Washington co., Md., where he practised in partnership with Dr. R. H. E. Boteler, remaining until 1874, though serving meanwhile as phys. to the White Sulphur Springs in the summer of 1873, and in the same capacity at Orkney in the summer of 1874, and removing then to Baltimore, Md. During the civil war he served as second lieutenant in Col. Mosby's command. He is at present demonstrator of anatomy in the coll. of phys. and surg. of Baltimore, and clinical surg. at the Maternité.

KOLLOCK, CORNELIUS, Cheraw, S. C., son of Oliver Hawes Kollock and Sarah James Wilson, was born, Dec. 7th, 1824, in Marlborough co., near Cheraw, S. C. He was prepared for college at the Cheraw acad., and graduated at Brown univ. in 1845,

studying medicine at the univ. of Pa., from which he graduated in 1848, subsequently pursuing his professional studies in Paris, France. He has performed all the capital operations in surgery, including lithotomy, ovariotomy, extraction of cataract, and for urinary fistula. His specialty is surgery and obstetrics. He is a member of the Pee Dee med. asso., of which he is vice-president, and of the Cheraw lyceum, of which he has been president; and is a corresponding member of the Boston soc. of nat. history. His medical writings comprise the "Report of a Case of the Laceration of the Perinæum," successfully treated with silver sutures and Bozeman's buttons, as also a case of "Chancre of the Uterus," published in the *Charleston Medical Journal*, and copied into *Braithwaite's Retrospect;* and the "History, Pathology, and Treatment of the Epizootic of 1873," published in the *Southern Cultivator*, of Atlanta, Ga. He is the med. examiner of several life insurance companies. He married, Oct. 9th, 1857, Mary Henrietta, youngest daughter of Charles B. Shaw, of Boston.

HAWKINS, WILLIAM HARRISON, Rocky Comfort, Ark., was born, Nov. 25th, 1832, in Franklin co., N. C. He is of English ancestry, the founder of his family in this country having settled in Virginia, and subsequently in old Bute co., N. C., where he was high sheriff of the province at the beginning of the revolution. He was educated at the S. C. coll., and graduated from the med. dep't of the univ. of Pa. in March, 1857. He first settled in Memphis, Tenn., but in 1860 went to Rocky Comfort, Ark. He makes surgery his specialty. He is a member of the Little River co. med. soc., and of the med. soc. of the State of Ark., to the Transactions of which he has contributed several papers, as also notes and remarks on a case of monstrosity to the January number of the *New Orleans Medical and Surgical Journal* for 1860. He joined the Confederate forces as surgeon of the 1st Texas legion, afterwards joining the army of Tennessee, and becoming surgeon of Manigault's brigade, in which capacity he served during the remainder of the war, performing nearly all, if not all, the capital operations in surgery. After the war he served for several years as school trustee for his township. He married, Oct. 16th, 1872, Mrs. Medora V. Hart, widow of Dr. Charles T. Hart, of New York city.

HOUGH, DE WITT CLINTON, Rahway, N. J., was born at Point Pleasant, Bucks co., Pa., Dec. 31st, 1826, and is the son of Gen. Joseph Hough and Jane Cowell Hough, both natives of Pennsylvania. He received his elementary education in the schools of his native place, after which he pursued a higher course of studies at the Newtown acad. He began the study of medicine as a pupil of the celebrated Dr. Charles Fronefield, of Montgomery co., Pa., subsequently entering Jefferson med. coll., Philadelphia, Pa., whence he graduated, after a full three years course, in the spring of 1847. He then entered upon practice at Tyler's Post, Montgomery co., Pa., where he remained one year. At the expiration of that period he removed to Red Hill, Bucks co., Pa., where he remained during the ensuing three years. He afterward established himself in practice at Frenchtown, Hunterdon co., N. J., his place of abode for six years. In 1857 he moved to Rahway, N. J., where he now resides. He has been a member of the Union co. med. soc., and in 1873 acted as its vice-president. In 1867 he was elected to the mayoralty of Rahway, and re-elected in 1868, and was a member of the New Jersey legislature in 1868–69. He was also a member of the first board of water commissioners, and was president of the water-works from 1871 to 1874. In September, 1861, he received his commission as surgeon of the 7th N. J. vols., and for three years accompanied this regiment, serving actively with it through all its engagements. In the spring of 1865, having attended a course of lectures at Bellevue med. coll., New York, and availed himself of the advantages of the hospital clinics during the previous winter, he resumed his practice in Rahway. He was married, in 1850, to Almira W. Runkle, of Milford, Hunterdon co., N. J.

JOHNSON, JOHN MILTON, Atlanta, Ga., was born in Centreville, Livingston co., Ky., Jan. 15th, 1812. His father, a soldier in the war of 1812, later a physician, and still later a Presbyterian clergyman, was a Virginian; and his mother, Jane (Leeper) Johnson, was a niece of Mr. Polk, the author of the Mecklenburg declaration; his brother is Gen. R. W. Johnson, U. S. army. He was educated by his father, received his diploma from the Ky. school of med., and graduated at Atlanta in 1867. He settled first at Ramsey, Mecklenburg co., in 1833, where he began the practice of medicine; removed to Fredonia, Ky., in 1844; thence to Marion, Crittenden co., in 1848; to Southland, Livingston co., in 1853; to Paducah, Ky., in 1856, and to Atlanta in 1862. He is a member of the Ga. med. asso., and Atlanta acad. of med., and was president of the latter in 1875. His contributions to medical litera-

ture are a paper on "Asiatic Cholera," one on "Milk Sickness," a criticism on "Cryptogamic Origin of Disease," on "Dysmenorrhœa," on "Fluor Albus," "Objections to Antidotal Power of Medicines in Opium Poisoning," on the "Value of Blood-Letting in Puerperal Eclampsia, with Classification of Causes, Symptoms, and Treatment," etc. From 1868 to 1872 he taught physiology and pathological anatomy in the Atlanta med. coll. He was three years in the Confederate army, in charge of a hospital at Nashville, post surgeon to Albert Sidney Johnson after the fall of Fort Donelson, field surgeon with Gen. Buckner's division, then with Cleburne's division at the battle of Murfreesboro', Tenn., and med. director of Hardee's command. He has been a member of both branches of the Kentucky legislature, serving one time four years in the State senate. He is also examiner for several insurance companies. In 1830 he married Elizabeth Eaver, of South Carolina; she died in 1862. In 1864 he married Mrs. Mary Willis Erwin, sister of Howell Cobb, of Georgia.

LANE, WILLIAM WALTER, Wilmington, N. C., was born, Aug. 12th, 1831, at Wrightsville Sound, near Wilmington, N. C. He graduated at the univ. of N. C. in 1852, and from the med. dep't of the univ. of New York in 1855, settling first in Wilmington, but removing in 1860 to Mississippi, whence he returned to Wilmington. He is a member of the New Hanover co. med. soc., and of the N. C. State med. soc. His contributions to medical literature have been various, but chiefly on surgical subjects. In 1877 he was elected president of the board of health of Wilmington. During the civil war he was ass't surg. in the Confederate army. He is now surgeon to the U. S. marine hosp., as also to the city hosp.

JONES, ALEXANDER STRACHAN, Warrenton, N. C., of Welsh extraction, was born, March 1st, 1845, at Mecklenburg, Va. He was educated at the Washington and Lee univ., from which he graduated in 1867, and pursued his professional studies at the Washington univ., Md., graduating in 1870. He settled in Warren co., N. C. He claims to have introduced the hypodermic injection of morphia as an antidote for strychnia, and also the syrup of iodide of iron as a specific for incontinence of urine in children. His specialty is the diseases of women and children. He is a member of the Warren co. med. soc., of which he is secretary, and of the N. C. med. soc. During the civil war he served in the 1st reg. of N. C. cavalry as private, and afterwards as surgeon-major. He married, Nov. 15th, 1871, I. B. Daniel, granddaughter of the Hon. A. W. Venable, and a descendant of the Virginia Venables, Daniels, and Carringtons.

WHITE, JOHN ORLANDO, Camden, N. J., son of the Rev. James White, of the N. J. Methodist Episcopal church, was born, May 4th, 1845, in Atlantic co., N. J. He graduated from the med. dep't of the univ. of Pa. in 1868, and settled in Camden, N. J., inclining towards surgery, but practising the other branches of the profession. He is a member of the Camden city med. soc., and of the Camden district med. soc., of which he was president in 1870. He has published various essays and addresses on medical subjects; and has been associated professionally with many insurance companies. He married, in 1871, a daughter of Jesse W. Starr.

JACKSON, WALTER CLARK, Montgomery, Ala., was born in that State, Autauga co., July 14th, 1827, and is a son of Absalom and Emma B. Jackson. His academic education was acquired at Tuscaloosa univ., Ala., and he was prepared for a professional career in the univ. of Pa., Philadelphia, Pa., graduating from that institution in 1852. He subsequently commenced practice in Montgomery, Ala. He is a member of the med. and surg. soc. of Montgomery, Ala., was elected president of that body in December, 1874, and treasurer in December, 1877; and since its organization, in 1867, has been treasurer of the State med. asso. of Ala. He was married, Dec. 5th, 1855, to Frances E. Saffold, by whom he has had six daughters.

GRAHAM, DAVID WILSON, Chicago, Ill., was born at Oquawka, Henderson co., Ill., June 11th, 1843. He acquired his classical education at Monmouth coll., Ill.—degree of A. B., 1870, A. M. 1873—and was prepared for a professional career in Bellevue hosp. med. coll., New York, graduating from that institution in the spring of 1872. He established himself, May, 1872, in Chicago, Ill. During the late rebellion he served three years in the ranks, U. S. army, as volunteer, Company C, 83d Ill. vol. infantry. He is a member of the Am. med. asso.; of the Ill. State med. soc.; of the Chicago med. soc.; and of the Chicago medico-historical soc., and of the med. press asso. For three successive years he was secretary for the C. M. H. S., now fills the same office in the C. M. S. He is editor (permanent office) for the *Chicago Medico-Historical*

Journal, elected April, 1876, and is prof. of anatomy in Woman's med. coll., Chicago, Ill.; also surg. to Central free dispensary, Chicago, Ill. While occupied as a general practitioner "study, taste, and practice" have led him to make somewhat of a specialty of surgery. He has edited one volume *Chicago Medical Register*, and the *Illinois State Medical Register*, under the direction of the State soc.; and has contributed various society reports to medical journals. He was married July 12th, 1877.

REID, JAMES MADISON, Point Lick, Ky., was born, in that State, Garrard co., Dec. 8th, 1812, and is of Scotch parentage. His preliminary and literary education was acquired in Danville, Ky., and he was prepared for a professional career at Transylvania med. school, Lexington, Ky., and also at the univ. of Pa., Philadelphia, Pa., graduating from the latter institution in April, 1842. He then established himself at Point Lick, Garrard co., Ky. He is a member of the central Ky. med. asso., president in 1873. He was married in 1842.

MOE, LYMAN W., Ottawa, O., born in Greenwich, Conn., Aug. 15th, 1813, educated in Greenwich, studied medicine at Fitchville, O., and at the Cleveland med. coll., O., and graduated from the latter institution in 1847. He settled first at Melmore, O., then at Gilboa, O., and then in Ottawa. His practice is general. He is a member of the Ohio State med. soc., and of his county soc.; of the latter he is now president. He held a captain's commission during the war, and has been examining surgeon for county pensioners for ten years. He married in 1840.

LEGARÉ, THOMAS, Orangeburg, S. C., was born in Charleston, S. C., Feb. 15th, 1852. His parents were French Protestants, early settlers in Charleston, S. C., and he is a cousin of the late Hugh S. Legaré, attorney-general United States under President Tyler, and minister to Brussels. His early education was acquired at the Yorkville military acad., S. C., and he was prepared for a professional career at the S. C. med. coll., graduating from that institution in the spring of 1873. His first place of settlement was at Orangeburg, S. C., 1873, whence he moved to Charleston, S. C., in October, 1877. A very notable case which came under his supervision was one of bloodless amputation of forearm, of considerable interest on account of its extreme rarity; "the nature of the case was that of a gunshot wound in an Orangeburg county lad, nineteen years of age. The case was seen by Dr. L. and two prominent practitioners of the vicinity twenty-four hours after the accident; amputation necessary; middle third forearm left; and the operation was performed in the presence of the two physicians. As stated the patient lost no blood exclusive of capillary hemorrhage, which loss was of no consequence; and in the entire amputation lost scarcely a half ounce of blood, tourniquet in the meantime being removed. After search for the arteries, radial interosseous, and ulnar, they could only be distinguished by drawing out with a tenaculum what was considered to be the arteries, on account of their small branches being seen. He then ran his ordinary pocket-case probe up the canal of the arteries as far as its length, five and a half inches, would permit, noticing distinct rhythmical pulsations of probe, which justified him in ligating at once; this being done the wound was closed up, and the stump dressed. His conclusions therefrom were that either there had been a clot formed, which was pushed before the probe, or that the internal coats of the arteries being lacerated, his probe, as it was pushed forward, carried before it the lacerated membrane, curling it up in its progress, and thus forming a complete occlusion to any hemorrhage which might have followed on the withdrawal of the probe. Upon the withdrawal of the instrument this was found to be the case. The patient recovered in the usual course of time, without any secondary hemorrhage, or any complication." He is a member of the med. soc. of Charleston, S. C., and of the S. C. State med. asso. He was resident phys. of Roper and city hosp., S. C., in 1871–72–73, and during the years 1875–76–77 was surgeon to public institutions, Orangeburg poorhouse, and jail. His contributions to medical literature consist of various articles published in leading medical journals. He was married, Feb. 15th, 1877, to a daughter of Thomas H. Zimmerman, of St. Matthews, S. C.

MARKLE, JOHN E., Winchester, Ind., of German ancestry, born in Ithaca, N. Y., Dec. 2d, 1838, was educated in the high school of Candor, N. Y. He studied medicine with Dr. Cook, of Madison co., Ind., to which place his father had removed, and graduated at the Ohio med. coll. in March, 1877. He formerly resided in Portland, Ind., but removed to Winchester in 1873. His operations comprise nine cases of strangulated hernia and ten cases of fracture of cranium. He is a member of the Ind. State med. soc.; Delaware district med.

soc.; Jay co. med. soc.; and Randolph co. med. soc.; was secretary of the Jay co. soc. in 1867, and president in 1868; president of the Randolph soc. in 1877; and is now vice-president of the Delaware district soc. He has contributed to the literature of his profession papers on "Pneumonia," "Hernia," etc. During the civil war he was in the general hospitals at New Haven, Ky., and in Louisville, Ky., and served also in field hospitals till February, 1866. He has been councilman, and member of the board of health of Portland. In September, 1876, he married Emily V. Johnson.

REID, JAMES LAW, Van Wert, O., was born, Jan. 5th, 1820, in Elizabethtown, Pa. He was educated at the Oberlin (O.) coll., and graduated from the med. coll. of Ohio in 1876. He settled in April, 1849, at Rockport, Allen co., O., whence he removed in 1851 to Van Wert, having begun the practice after taking one course of lectures. In 1873 he was sued for malpractice, but eventually came out of the trial with a triumphant vindication. He is a member of the Van Wert co. med. soc., of which he was elected president in 1868; of the Van Wert acad. of med.; of the Northwestern Ohio med. asso., of which he was elected vice-president in 1871, and acted as president in 1872; and of the Ohio State med. soc. He married May 1st, 1851.

TUCKER, JOSEPH CLARENCE, San Francisco, Cal., was born, April 25th, 1828, in New York city, as were his ancestors for several generations. He was educated at the univ. of New York, in the med. dep't of which he pursued his professional studies, as also in the coll. of phys. and surg. of New York city, graduating in 1848. In July, 1849, he settled in Sacramento City, Cal., having left New York, Jan. 13th, in the ship "Farolinta," and made the voyage by the way of Cape Horn. In 1852 he removed to San Francisco. He is a member of the New York State med. soc.; of the Cal. State med. soc., of which he has been vice-president; of the San Francisco med. soc.; of the San Francisco med. and chirurg. soc.; of the Sacramento med. soc., of which he was secretary in 1850; of the Nevada med. soc., of which he was treasurer in 1864; and of the Am. med. asso., of which he was ass't secretary in 1871. He was a member of the Cal. legislature in 1852; quarantine phys. of the State of Cal. in 1853 and 1854; San Francisco city and county phys. in 1855 and 1856; U. S. examiner of drugs at the port of San Francisco; U. S. consul to Honduras, Central America; phys. of Virginia City and county for four years; and phys. in charge of the Nevada State insane asylum for three years, and of the Alameda park insane asylum for the like period. In 1848 he was house phys. in the Northern dispensary, New York city, as also surg. of the 11th reg. of New York State militia; in 1849 surg. of the ship "Farolinta;" in 1859 and 1860 surg. of the Pacific mail steamship company, and of the Nicaragua steamers; surg. of the U. S. army, and of the U. S. naval receiving ship; surg. of the U. S. marine hosp. at San Francisco; and brigade surg. of the Cal. State militia. He married in 1863 Minnie E. Havemeyer, daughter of Albert Havemeyer, of New York.

STRONG, ALBERT BLISS, Chicago, Ill., was born, May 22d, 1845, at Galesburg, Ill. He graduated in the arts at Kenyon coll., Gambier, O., in June, 1868, and in medicine at the Rush med. coll., Chicago, in Feb., 1872; was an interne in St. Luke's hosp., Chicago, from Oct., 1871, to March, 1872, and in the city hosp. of Chicago, by competitive examination, from July, 1872, to Feb., 1874; was lecturer also by competitive examination, on mat. med. and therap., in Rush med. coll., from March, 1874, to Oct., 1875; and at the latter date was elected demons. of anat. and lecturer on anat. in the spring course of that institution, a position which he now holds. He is a member of the Chicago med. soc.

WEDDINGTON, SAMUEL C., Jonesboro', Ind., was born, July 15th, 1823, in Rowan co., N. C. His paternal ancestry was English, his maternal German and Welsh. He is a licentiate of the district med. soc., at New Castle, Ind., having received his license, May 3d, 1847. In the same year he settled at Chesterfield, Ind., whence he removed in 1856 to Union City, Ind.; and thence in 1866 to Jonesboro', Grant co., Ind. He is a member of the Ind. State med. soc., and of the Grant co. med. soc., of which he has been president, and secretary twice, his last election as secretary having taken place in June, 1877. His contributions to medical literature embrace papers on "Digitalis," "Veratrum," published in the *Indiana Journal of Medicine*, of June, 1874; a report on "Prevailing Diseases," Dec., 1874; an article on "Functions of the Spleen," in the *Cincinnati Lancet and Observer*, of Feb., 1877; one on "Zymotic Diseases," Dec., 1877; and papers on "Cancer," and a "Case of Placenta Prævia," in the Proceedings of the Ind. State med. soc. for

1877. He was commissioned ass't surg. of the 147th reg. of Ind. vol. infantry, March 9th, 1865, and served through the remainder of the war. He has been a political editor (Republican), and is a practical civil engineer, in which capacity he has assisted in building some three railroads. He married, in Jan., 1849, Elizabeth Tomlinson.

TYNER, SAMUEL LOUIS, Boonville, Ind., of German extraction, was born, July 30th, 1838, at Cynthiana, Posey co., Ind. He received a common school education, and studied medicine at the Rush med. coll., Chicago, Ill., from which he graduated, Feb. 2d, 1870. He began the practice at Somerville, Gibson co., Ind., immediately after completing his first course of lectures in 1866, but on graduating removed to Lynnville, Warrick co., Ind., where he remained until the spring of 1876, when he settled in Boonville, the county-seat of Warrick. He is a member of the Warrick co. med. asso., of which he was elected president, June 6th, 1877. During the civil war he served as hosp. steward, and afterwards, having been examined by the military board, was promoted to the position of ass't surg. of the 42d Ind. vol. infantry. He married, July 30th, 1861.

WASHBURN, ISRAEL BROWN, Rensselaer, Ind., of Scotch descent, was born, Jan. 9th, 1838, near Royal Centre, Cass co., Ind. He received his education in the public schools, and at the Franklin coll., Ind., where he took the scientific course, and graduated from the Rush med. coll., Jan. 25th, 1861. In 1865 he settled in Star City, Pulaski co., Ind., where he remained eight years and a half, and then went to Logansport in April, 1873, whence he removed, Nov. 1st, 1877, to Rensselaer, Jasper co., Ind. He is a member of the Ind. State med. soc.; of the Cass co. med. soc., of which he was secretary four years; and of Brainard med. soc., of which he has been secretary five years, and president one year. He has contributed reports of cases to the *Chicago Medical Journal*, the *American Journal of Medical Sciences*, the *Medical and Surgical Reporter*, and the *Western Journal of Medicine*. He was a representative from the counties of Pulaski, Jasper and Newton, in the 47th general assembly of the State of Indiana. In Nov., 1861, he enlisted as a private in company I., of the 46th reg. of Ind. vol. infantry, but was soon after detailed for duty in various hosps. at Memphis, Tenn., and Helena, Ark.; and, Nov. 30th, 1862, was made ass't surg. of the 46th reg., taking part in the battles of Port Gibson and Champion Hills, the siege of Vicksburg, and the investment of Jackson. In Dec., 1863, he became surg. of his reg. at Vermillionville, La., and accompanied the Banks' expedition up Red river in 1864, being mustered out by reason of the expiration of his term of service, Dec. 28th, 1864. He married, July 5th, 1864, Mattie A. Moon, of Royal Centre, Ind.

SEARCY, ROBERT THOMAS, Decatur, Ala., son of Orville H. and Mary A. Searcy, was born, Jan. 11th, 1824, in Bedford co., Tenn. He graduated at the Nashville med. coll. in 1853, and settled at Fayetteville, Tenn., where he practised until 1861, when he entered the Confederate army, settling at the close of the war in Huntsville, Ala., from which he removed to Decatur. He has performed lithotomy, craniotomy, and operated for strangulated hernia, etc. His specialty is obstetrics and diseases of women and children. He is a member of the Madison co. med. asso.; of the Morgan co. med. soc., of which he was secretary in 1874 and 1875; and of the Ala. State med. asso., of which he was one of the censors in 1876. He has contributed to the Transactions of the State med. asso. a report on "The Practice of Medicine in its Relations to other Branches of Business and to Society." He holds the office of examining surg. of the U. S. pension bureau. He married, Oct. 3d, 1849, Rebecca M. Eddens, of Bedford co., Tenn., who died in Nov., 1850; and in 1861, Mrs. C. J. Hereford, of Madison co., Alabama.

ROBBINS, SYLVAN B., Lawrenceburg, Ind., was born, Nov. 14th, 1844, at Shelbyville, Ind. He is the son of N. D. Robbins and Martha H. Robbins, daughter of Dr. Sylvan B. Morris. He was educated in the graded schools and the high school of Shelbyville, and graduated from the Ohio med. coll. in the spring of 1867, settling the same year at Lawrenceburg, being the partner of Dr. M. H. Harding. He is a member of the Ind. State med. soc.; and of the Dearborn co. med. soc., of which he is now vice-president, and before which he has read numerous reports of cases. He has also contributed to medical journals. He married, Aug. 22d, 1866, Dora H. Morris, daughter of Dr. M. H. Harding.

SHEETS, JOHN WILLIAM, Selin's Grove, Pa., of German descent, was born, Oct. 7th, 1844, at West Fairview, Cumberland co., Pa. He received an academic

education, and graduated from the med. dep't of the univ. of Pa. in March, 1871, settling the following month in Port Trevorton, Snyder co., Pa., from which he removed in September, 1873, to Selin's Grove, in the same county. He is a member of the Northumberland co. med. soc.; of the Snyder co. med. soc., of which he was elected treasurer in May, 1877; and of the Pa. State med. soc. During the civil war he served three years as a private soldier in the U. S. volunteers. He married, May 19th, 1870, Sarah R. Heck.

RICHARDSON, JOSEPH GIBBONS, was born in Philadelphia, Jan. 10th, 1836, his family being of English descent, but residents in America since 1681. After receiving his preliminary education he entered the med. dep't of the univ. of Pa., obtaining his degree of M. D. in 1862. After being attached for six months to the Wills' hosp., and for a year to the Pa. hosp., in both cases as resident physician, he established himself in Union Springs, Cayuga co., N. Y., and remained in practice there for the ensuing five years. During this period he was a member, and served as vice-president of the Cayuga co. med. soc. In 1868 he returned to Philadelphia, where he has since resided. In conjunction with a general practice, he has made a specialty of medical microscopy, and is microscopist to the Pa. hosp. He is also visiting phys. to the Presbyterian hosp. In December, 1877, he was unanimously elected prof. of hygiene in the med. dep't of the univ. of Pa. He is secretary to the biological and microscopical sections of the acad. of nat. sciences; member of the coll. of phys.; Philadelphia co. med. soc.; patholog. soc.; and Am. med. asso.; and was delegate to the International med. congress. He has contributed largely to the leading medical periodicals, his most notable papers being "Cellular Structure of the Red Blood Corpuscle;" "Identity of Red Blood Corpuscles in various Races of Mankind;" on "The True Nature and Origin of the Salivary Globules;" and "Detection of Elastic Tissue in the Sputum of Phthisis." His most important work, however, and that on which his reputation as an author mainly rests, is his "Handbook of Medical Microscopy" (1871, pp. 333).

NOBLE, DAVID, Hillsborough, O., was born, Aug. 16th, 1820, in the county of Donegal, Ireland, and is the son of David and Mary A. (Hamilton) Noble. His parents were of Scotch extraction; his mother's family being descended from that General Hamilton who behaved with great gallantry during the siege of Londonderry in the war of 1688, and so nobly defended that city against the rebel forces. He received a classical education in Ramelton, near his birthplace, and when eighteen years of age emigrated to the United States, and located in Ohio. After teaching school for some years he became a pupil of Dr. P. J. Buckner, of Georgetown, O. In 1846, during his attendance on the lectures in course of delivery at the med. coll. of Ohio, he was appointed attending phys. to the hotel for invalids, on Broadway, Cincinnati. After attending one course of lectures, his funds being all exhausted, and having no friends or relatives on whom he could rely for pecuniary aid, he was compelled to defer obtaining his diploma until 1855, when he complied with the regulations, taking his final course of lectures at Starling med. coll., where he received his degree. At the outbreak of the war he enlisted first as a private in a company raised for border defence, and then applied for the position of surgeon in the U. S. service. Having passed the examination, he was assigned for duty as the first surg. of the 60th reg. Ohio vols. He joined his regiment at Gallipolis, and was assigned to duty as post surg. at that city. During his stay there he was forcibly impressed by the condition of the large numbers of wounded and sick soldiers, who were passing down the Ohio river on steamers bound to Cincinnati, to be transported thence by railway to Camp Dennison; and he addressed a letter to the authorities at Washington, and also another to Governor Tod, of Ohio, fully demonstrating the necessity of establishing hospitals at Gallipolis, near the scene of operations of the army in West Va. But he was destined to disappointment in not being able to have his favorite project carried out under his immediate supervision, for although he received orders from the war department at Washington to have three hospital buildings erected at Gallipolis, he had just two hours before these orders reached him by telegraph also received a telegram from the colonel of the 60th regiment, ordering him to report at New Creek, Va., on the line of the Baltimore & Ohio railroad, as the ass't surgeon of the regiment had resigned. He at once joined his regiment, but was soon detached, and appointed by Gen. Fremont a member of the board of med. examiners for the Mountain department, and by them chosen as their president, which position he held until Gen. Fremont was superseded by Gen. Pope. He was then appointed acting brigade surg. under Gen. Piatt, and subsequently acting med. director under Gen. White. After the surrender at Harper's Ferry he was paroled, and

repairing to Chicago was honorably discharged with the regiment, it having enlisted for only one year. In 1863 he was appointed surg. of the board of enrolment for the sixth Congressional district of Ohio, and held that position until the close of the war. In 1865 he resumed practice in Hillsborough, O., and was appointed med. examiner of pensions. In 1872 he assisted in the organization of the Citizens' national bank, and was elected one of its directors. He also took an active part in organizing the Hillsborough building and savings asso., and was elected its president. He was also one of the corporators of the Hillsborough gaslight company, which is now in successful operation. He is a member of the Ohio State med. soc., and at one time was one of its vice-presidents.

ALTER, DAVID, Freeport, Pa., was born in Westmoreland co., Pa., Dec. 3d, 1807. He studied medicine under Prof. Wooster Black, in New York, in 1832 and 1833, and also at the med. coll. of Ohio, Cincinnati, whence he graduated in 1840, settling in active practice in Freeport. He discovered the presence of bromine in the salt wells of Freeport in 1848, and began its manufacture at that time; has given much attention to light and electricity; experimented on the production of magnetism from electricity in 1834; erected a telegraph apparatus between buildings, and passed intelligible signals. In 1854 he published in *Silliman's Journal* the result of his experiments in spectrum analysis, giving a map of some of the lines of various metals; and in 1855 he published an article on the gases, showing their characteristic lines. (This was before the experiments of Bunsen and Kirchoff.) The articles were republished in Germany.

HOOVER, NICHOLAS M., North Hope, Pa., of German parentage, born in Armstrong co., Pa., March 4th, 1836, graduated in medicine from the Jefferson med. coll. in March, 1865. He settled in North Washington, Butler co., in general practice. He is a member of the Butler co. med. soc., was its vice-president in 1877, and of the Pa. State med. soc. During the war he was ass't surg. of the 87th reg. Pa. vols. He is married.

WALKER, JASON, Minot, Me., was born, Aug. 6th, 1835, at Union, Knox co., Me. He was educated at the Maine Wesleyan seminary, and graduated from the Maine med. school in 1865, settling successively at Round Pond, Me., West Sumner, Friendship, and Minot, his present residence. He is a member of the Maine med. asso., and of the Androscoggin co. med. asso., of which he was elected vice-president in 1876, and again 1878. He married, July 3d, 1866, Irene S. Bowker, of Auburn, Me.

PAUGH, WILLIAM JENKINS, San Francisco, Cal., son of Solomon A. Paugh, a native of Bourbon co., Ky., was born, July 28th, 1824, in Decatur co., Ind., near Greensborough, and studied medicine at the Rush med. coll., Chicago, Ill., from which he graduated Feb. 7th, 1850. Subsequently in the course of the same year, after practising a few months at Meredosia, Ill., he went to California, settling first in Jackson, Amador co., and then in San Francisco. He makes a specialty of the eye and ear. He is a member of the State med. asso. of Cal., as he has been since its first organization. From 1856 to 1861 he acted as sheriff of Amador co., Cal. He married, Feb. 9th, 1860, Ruth A. Allkire, and has had three children, of whom two are living.

HURD, HENRY S., Galesburg, Ill., was born in Litchfield co., Conn., in 1815, being the son of Thomas and Bessie (Canfield) Hurd. His early education was received at home. Subsequently he passed through an academical course in an institution in western N. Y. He graduated from the Geneva med. coll. in 1844. After his graduation he removed to Homer, Mich., where he began practice. In eighteen months he changed his residence to Union City, Mich., where he practised for nine years, and in 1855 moved to Galesburg, Ill. He is a member of the State and Am. med. socs., and has long been identified with the Military Tract med. soc., of which he has served as president. In 1848 he was married to Ellen Hammond.

MASON, WILLIAM H., Norwich, Conn., was born in Thompson, Conn., Dec. 9th, 1833. He was educated at Brown univ., studied medicine at the Buffalo med. coll., and graduated in 1859. He resided at Buffalo till 1861, and then removed to Norwich. He has been prof. of physiology in the Buffalo med. coll. since 1861.

STEWART, THOMAS, Carlisle, Pa., of Scotch-Irish parents, born in county Derry, Ireland, July 15th, 1814, was brought to this country in his early youth by his parents, who settled in the western part of Pennsylvania. He studied medicine at the Cleveland med. coll., and graduated in the spring of 1857. He first located himself at

Allegheny City, then removed to New Brighton, Beaver co., Pa. In 1870 he removed to Carlisle. His specialty is diseases of females. He is a member of the Cumberland co. med. soc., and of the Pa. State med. soc. He is now president of his county med. soc. He has three sons, all graduates of the Cleveland med. coll. His son, Thomas Stewart, Jr., was demonstrator of anatomy in that institution during the session of 1873 and 1874.

ROSS, JOSEPH PRESLEY, Chicago, Ill., was born in Clark co., O., Jan. 7th, 1828. His father, in addition to operating a flour mill, was interested in agricultural pursuits. While still in his infancy, the family of our subject removed to Miami co., O., and, upon attaining the proper age, Joseph entered the academy at Piqua, Miami co., in which institution he pursued the usual course of studies for a term of about four years. At the expiration of that period he entered for his collegiate course the Oberlin coll. of O., and was a student in this institute of learning for about one year. Subsequently he placed himself under the professional tuition of Dr. G. V. Dorsey, whose office was located at Piqua, and who was widely known throughout the northwest as a learned and skilful physician. While engaged in reading medicine under that able instructor, he attended also, during the winters of 1850, 1851, and 1852, the courses of the Ohio med. coll. in Cincinnati, from which he graduated in the spring of 1852. Establishing his office subsequently in St. Mary's, Auglaize co., in the western part of the State, he was there occupied in the practice of his profession during the ensuing year. He then removed to Chicago., Ill., this change of residence occurring in the spring of 1853, and since that time has, with the exception of the winter of 1865–66—which he spent with profit in the hospitals of Philadelphia and New York—been incessantly occupied in fulfilling the onerous duties attendant upon a practice of wide and growing extent. In 1865, at the date of the establishment and organization of the Cook co. hosp., he was intrusted with the delivery of a course of clinical lectures on the practice of medicine, the functions attached to which office he has since performed continuously. In 1867 the chair of clinical medicine and diseases of the chest was created in the Rush med. coll. of Chicago; of this he was at once chosen to take charge, and down to the present time has continued to discharge its duties. He is a member of the Am. med. asso., and of the Ill. State med. soc. He has been a frequent contributor to the medical journals. He was married in 1856 to Elizabeth A., daughter of Tuthill King, Esq., one of the earlier pioneers and settlers of Chicago.

WALKER, JOHN E., Greensboro', Ga., of English and Irish ancestry; born in Fleming co., Ky., Dec. 6th, 1820; educated at Greensboro' acad. and Mercer institute; studied medicine at the Jefferson med. coll. and med. coll. of Ga., and graduated in March, 1848. He settled in Greene co., Ga., but after two years removed to Greensboro'. His practice is general, but his specialty is obstetrics, in which he has been uniformly successful. Has also performed embryotomy, and many of the more important surgical operations. He was the last president of the Greene co. med. soc. (now defunct); has contributed several articles to the *Richmond and Louisville Monthly and Bi-weekly Journal*, viz.: on "Management of Breech Presentation Cases;" "Passage of Fine Calculi;" the latter reported in *Southern Medical and Surgical Journal*, February, 1873. He married in October, 1847.

GORGAS, FERDINAND J. S., Baltimore, Md., of English and French ancestry, was born in Winchester, Va., July 27th, 1835. He was educated at Dickinson coll., Carlisle, Pa.; studied dentistry at the Baltimore coll. of dental surgery, and graduated in 1856; and medicine at the school of med., univ. of Md., and received his degree from this institution in 1863. He settled first in Madison, Ind., but subsequently removed to Harrisburg, Pa., and then to Baltimore. He is a member of the Am. med. asso., of the Am. acad. of dental science, of the univ. of Md. alumni asso., and the Baltimore coll. alumni asso. He has contributed to the literature of his profession "Lectures on Dental Surgery," "Therapeutics and Materia Medica," "Special Pathology and Materia Medica and Therapeutics for Dental Students," revised the third and fourth editions of "Harris' Medical and Dental Dictionary," etc., etc. He is besides editor of the *American Journal of Dental Science*. He married in October, 1858.

YOUNG, STEPHEN J., Terre Haute, Ind., of Scotch and Irish ancestry; born in Cincinnati, O., March 31st, 1829; educated at Edgar co. acad., Paris, Ill.; graduated in medicine from the Ohio med. coll., in March, 1851, and settled in Terre Haute, Vigo co., where he remained till the breaking out of the war. In 1865 he located in Paris, Edgar co., Ill., and after remaining there

four years he returned to Terre Haute. He is a member of the Vigo co. med. soc., was its president in 1877; of the Ind. State med. soc.; and of the Esculapian soc. of the Wabash valley; secretary of the latter from 1865 to 1869. He entered the U. S. vol. service in October, 1861, as contract surg. Having been commissioned ass't surg., he was attached to the 48th Ill. infantry vols.; was captured and retained as a prisoner three months at Mobile and Tuscaloosa. On being exchanged was commissioned surgeon of the 79th Ill. infantry vols. Again captured at Chickamauga, he was held at Atlanta and Libby till exchanged at City Point three months after. His service was almost entirely in the field, during which he held the position of chief surg. of brigade and division, chiefly with the army of the Cumberland. He was examining surg. for pensions from 1870 to 1872; coroner of Edgar co., Ill., during 1866, 1867, and 1868; and for many years president of the board of health of Terre Haute. In April, 1864, he married Elizabeth M. Cooper, of New Harmony, Ind.

CLARKE, ROBERT WASHINGTON, Dunbar, Pa., of Scotch-Irish ancestry, was born in Lancaster co., Pa., Aug. 2d, 1848. He was educated at Chestnut Level acad., and studied medicine in the univ. of Mich., and in the univ. of Pa., graduating in March, 1871. He first located himself at Winfield, Tusca. co., O., afterwards removing to Dunbar. His specialty is surgery; and he has successfully performed three operations for lithotomy. He is a member of the Fayette co. med. soc., and is now its vice-president. He is the author of an essay on "Ventilation." He is surgeon of the Fayette county branch of the Baltimore & Ohio railroad.

KNOWLES, FREEMAN, Keokuk, Iowa, a descendant of Richard Knowles, who emigrated from England to Boston in 1632, was born in Hampden, State of Maine. He was educated at the Hampden acad., and studied medicine under Prof. I. N. McDowell, and at the univ. of Pa., where he graduated in 1840, settling first in McComb, Ill.; then moving to West Point, Lee co., in 1841; and to Keokuk in 1847. In early life he commanded a ship in the West India trade. In 1850 he crossed the continent with a small company; on horseback travelled through California; thence to Reallagio, Central America; thence on foot round Lake Nicaragua; down the San Juan river in a canoe, and then returned home. He entered the U. S. service during the war (1862), and was placed in charge of a hospital in Keokuk. After a year he was attached to the 60th reg. U. S. vols.; thence to St. Louis; to Benton Barracks; to Helena, Ark., in connection with his regiment; and afterwards in charge of refugees' hospitals. In 1864 he returned to Keokuk and resumed charge of the hospital there, a position he retained till after the surrender, when the hospital was closed. In 1852 he was elected a member of the Keokuk board of education, organized public schools of the city, and built the first public school there. In 1851 and 1865 he was a member of city councils. Since 1862 he has been examiner of pensions. He has been twice married.

WELLS, WILLIAM HENRY, Dixon, Cal., of English ancestry on both sides, was born in Huntington, Conn., Oct. 1st, 1819. He was educated at Wilbraham acad., Mass., and at the Wesleyan univ., Middletown, Conn. After being at the latter place one year, he went to Palmyra, N. Y., and began the study of medicine in that city, continuing his studies in Buffalo, N. Y., and at the Rush med. coll., Chicago; graduating from that institution in 1849. He joined a party who were crossing the plains, and on arriving at Independence an epidemic of cholera broke out, giving him an opportunity to employ his medical education. He settled at Nevada City, Cal., where he combined the practice of medicine with gold-mining. In 1852, two years after, he settled in Santa Clara on a farm, which he cultivated for six years. In 1858 he removed to Dixon, where he has since pursued the practice of medicine. He is a member of the Cal. State med. soc. In 1853 he married Sarah Woodhams, who died in 1853. In 1868 he married Mrs. Martha S. Nudd. She also died in 1871.

POWELL, EDWIN, Chicago, Ill., was born, Oct. 12th, 1837, in Jefferson co., N. Y., and is a son of John and Evelyn (Brainard) Powell. His father followed the occupation of a farmer, and the son labored on the farm until he was about thirteen years old. He then went to Theresa, N. Y., to attend the high school, and made his home in the family of Dr. Brewster. After passing some time in that city, he went west to visit his maternal uncle, Dr. Daniel Brainard, and while there decided to embrace the medical profession. In the autumn of 1851 he entered Knox coll., where he passed through its preparatory department. In the following year he matriculated at Williams coll., and graduated therefrom in the class of 1856, ranking the third in a membership of seventy-

six, and gaining the mathematical honors. Immediately after leaving college he repaired to Chicago and entered the office of his uncle, Dr. Brainard, where he pursued his medical studies and also became the interne phys. at the U. S. marine hosp., where he continued in all about seven years. In addition to this position, and before he attained his majority, he was appointed demonstrator of anatomy in the Rush med. coll. (1856), and occupied that station until the summer of 1861. In July of that year he entered the U. S. service as surgeon, and in the following year was assigned to the 72d reg. of Ill. vols. He participated in all the engagements in and around Vicksburg, and during the siege of that stronghold had charge of the 17th army corps hosp. After the surrender of Vicksburg, the 3d corps hosp. was consolidated with the 17th, and thenceforth was designated as the McPherson general hosp. Of this latter Dr. Powell was placed in charge. It was a very large establishment, containing some 2,200 beds, and he received a gold medal from the corps as an evidence of their appreciation. During the siege of Vicksburg he was made brevet lieutenant-colonel, and afterwards colonel, by the President of the United States, for superior service rendered, and also received a medal from that department. He was present during the siege of Mobile, acting as surgeon-in-chief of General Carr's division, and then followed the army through Alabama and other States. He retired from the service in 1865. On his return to Chicago he was made, during the year last mentioned, adjunct prof. of surg. in Rush med. coll. At a later date the chair of military surgery and surgical anatomy was created, to which he was appointed, and has since continued to hold the position. He is one of the surgeons of the Cook co. hosp., the largest hospital in the State. He is a member of the Am. med. asso., and Ill. State med. soc. He has successfully performed operations for lithotomy and also ovariotomy; and has contributed to the literature of the profession, mostly on surgical questions.

REA, ROBERT L., Chicago, Ill., was born in Rockbridge co., Va., July 1st, 1827. He is the son of Robert and Patsy (Adams) Rea. His early education was such as the imperfect schools of his native place afforded. When about seventeen years of age he removed with his family to Fayette co., Ind., and was for the two succeeding years engaged in farming. For five years thereafter he taught school, pursuing at the same time the study of medicine under Dr. W. P. Kitchen. He began practice on Sept. 17th, 1851, at Oxford, Butler co., O., and four years later, having passed the regular course in the med. coll. of O., at Cincinnati, he graduated therefrom in March, 1855. Thereupon he was chosen by the faculty, on a competitive examination, as resident phys. to the Commercial hosp. of that city, where he remained one year. At the same time he was elected to the position of demonstrator of anatomy in the med. coll. of O. This connection he continued until the spring of 1857, when he returned to Oxford. During his residence here he delivered annual courses of lectures on anatomy and physiology at the Western female seminary, of which he was a trustee. In 1859 he removed to Chicago and was appointed prof. of anatomy in the Rush med. coll. of that city, delivering his first course in the session of 1859–60. In 1851 he was married to Adeline Tuttle, of Fayette co., Ind., and in 1874 to Nellie R. Manlove, of Indianapolis, Ind.

RICHMOND, CHARLES HERBERT, Livonia, N. Y., son of Billings Richmond and Susan Richmond, born at Churchville, Monroe co., July 15th, 1840; studied medicine at the univ. of Buffalo and at the Bellevue med. coll.; graduated in February, 1860, and established himself first at Cameron, Steuben co., N. Y.; then in Buffalo; then, in 1860, in Livonia, N. Y.; then, in 1871, in Syracuse, N. Y.; and in 1872 again in Livonia. He is now first vice-president of the alumni asso. of the univ. of Buffalo; formerly member of the Onondaga co. med. soc.; is president of the Livingston co. med. soc., and has been secretary, vice-president, and president of the same. He has reported a case of ovariotomy to the *New York Medical Journal*, February, 1873; "Fracture of the Superior Epiphysis of the Humerus," *ibid.*, Nov., 1877, etc. He is besides a constant contributor to the review department of that journal. He was ass't surg. 104th N. Y. vols. from August, 1862, to December, 1864; afterwards surgeon of the same regiment until July, 1865. In August, 1861, he married Jennie A. Smith.

PAOLI, GERHARD C., Chicago, Ill., was born, June 23d, 1815, at Drontheim, Norway, where his father, Pascal Paoli, was a wholesale merchant; his mother, Boletta Lehné, being a daughter of the commandant of the fortifications of Drontheim. He received his education, general and professional, at Christiana, Norway, receiving from the Rush med. coll., Chicago, Ill., the honorary degree of M. D. in 1866. He

practised in Stockholm, Sweden, and after his emigration to this country, at Springfield, O., from which he removed to Chicago. He is a member of the Clark co. (O.) med. soc.; of the Ohio State med. soc.; of the Chicago med. soc., of which he was president in 1863, and again in 1872, and subsequently vice-president twice; of the Chicago soc. of phys. and surg.; and of the Am. med. asso. He has occasionally contributed to the *Chicago Medical Journal*, and also to the *Louisville Medical Journal*. He was city phys. of Chicago for two terms, and has been U. S. pension surg. For seven years he was prof. of materia medica and therapeutics in the woman's coll., of which he is now professor *emeritus*, and consult. phys. to the woman's hosp. He was formerly associated with Prof. Z. V. Blaney in manufacturing pure spirits by a method of his own discovery, for which a premium was awarded him at the world's fair in 1853, and at the national fair held in Chicago in 1865. He is a widower.

LANGDON, OLIVER MONROE, Cincinnati, O., was born, Feb. 2d, 1817, near Columbia, one of the suburbs of Cincinnati. Oliver Langdon, his father, was a physician and a clergyman in the Methodist church, who in 1800 emigrated to Hamilton co. His mother was a daughter of Colonel William Brown, a soldier of the revolution, and with her parents settled near Cincinnati as early as 1789. The first twelve years of Dr. Langdon's life were passed in school and at home with his parents. At that age, his parents both being dead, he moved to Cincinnati and made his home with his cousin. Here, from choice, he worked to support himself, at the same time attending one of the best schools of the city, there being then no public schools or educational institutions in Cincinnati. In 1831 he entered Woodward high school, and remained until 1832. After the subsidence of the cholera he returned to Cincinnati and entered the Athenæum, now St. Xavier's coll., at the same time working as before to pay his way. Having finished a two years' course, he commenced the study of medicine in the office of Prof. Cobb, of the med. coll. of O. In due time he entered that college and graduated in 1838. In the spring of 1838 he went to Madison, Ind., but in 1842 returned to Cincinnati. Soon afterwards he was appointed physician for one of the four districts or townships into which the city was then divided. This position he held until the commencement of the war with Mexico. He was then appointed surgeon in the 4th Ohio reg., under Colonel Brough. He followed the fortunes of his regiment, and returned home with it at the close of the war, in 1848. He was present at the memorable trial of General Scott in the city of Mexico. After returning home he formed a partnership with Dr. Jesse Judkins, which continued until 1859. Soon after his return from Mexico he was appointed physician to the house of refuge, and afterwards physician to the lunatic asylum at Lick Run. Both of these positions he held until 1856. In 1859 Dr. Langdon was appointed superintendent and physician of Longview asylum, the new institution for the insane just completed. This trust he held until 1870, when he resigned on account of long confinement and failing health. About this time, during a trip made to California, he was made honorary member of the California State med. soc. He has since almost retired from practice. He was one of the originators of the Miami med. coll., and one of the instigators of the humane movement which took the lunatics from the Old Commercial hosp. to Lick Run, and finally resulted in the building of Longview. He was the first superintendent of Longview, and to him is due the credit of organizing and putting that institution in condition. He organized and put in operation the first American asylum for the colored insane. This was established in 1866, and made a separate department at Longview. All the colored insane of Ohio are now sent into this institution. Before this they were accommodated in the prisons over the State. As the trustees of Longview could not buy and own this negro institution, it was purchased in the name of Dr. Langdon, and is still held in trust for the county by him. The legislature passed an act enabling the trustees of the asylum to relieve Dr. Langdon of his trust; but for some cause this has not been done. He has been one of the trustees of the Miami med. coll. since its foundation; is a member of the Am. med. asso., of the Ohio State med. soc., of the Cincinnati med. soc., of the Cincinnati med. and chirurg. soc., and of the Am. med. and psychological asso.

RICHARDS, JAMES NEEPER, Fallsington, Pa., was born in Cecil co., Md., March 2d, 1849. His literary education was acquired at the State normal school, Millersville, Pa., and Mich. univ., and he was prepared for a professional career at Bellevue hosp. med. coll., New York, graduating from that institution March 27th, 1873. His first place of settlement was at Everett, Bedford co., Pa., whence he moved to Defiance, in the same county, Aug. 15th, 1873.

Sept. 1st, 1877, he established himself in the practice of medicine at Fallsington, Bucks co., Pa. He has had a successful case of abscess of liver. He is a member of the Am. med. asso.; of the Pa. State med. soc.; of the Juniata valley med. asso., vice-president of that body; was formerly a member and president of Bedford co. med. soc.; and is now an applicant for membership in the Bucks co. med. soc., Pa. He was married, Oct. 11th, 1877, to R. A. Wharton.

RANDLE, PETER WILKINS, San Francisco, Cal., son of Josias Randle, of Virginia, who was on Gen. Washington's staff, and of Nancy Thorn (who was an Oglethorpe on mother's side) Randle, a descendant of Sir James Oglethorpe, who founded the colony of Georgia, was born in Sparta, Hancock co., Ga., Nov. 9th, 1806. He was educated at a private school in Illinois, studied languages under Judge Alexander Gilliland, of Ohio; and medicine under Prof. B. F. Edwards, of Alton, Ill.; at Transylvania univ., Lexington, Ky.; and at Shurtleff coll., Alton, graduating in medicine from the last-named institution in 1840. He has practised medicine successively in Edwardsville, Ill., then at Alton, and then settling in San Francisco in 1849, in general practice. He is an hon. member of the Cal. State med. soc., elected in 1870. In 1871 he was appointed phys. to the Cal. State prison, a position he retained four years. He served as surg. U. S. vols. during the Black Hawk war; also appointed surg. to Col. Bissell's reg. during the Mexican war, but was prevented by sickness from performing the duties. He also held the position of ass't surg. during the entire time of the war of the rebellion, serving until some time after its close. In 1853 he was collector of the port of Alton, Ill., and in 1865 he was internal revenue inspector-general for the States and Territories of the Pacific coast. He married in Alton, Ill., the daughter of Judge Enoch Long of that place. She died in 1836. On Sept. 20th, 1837, he married Mrs. Cornelia Andrews, daughter of Robert White, Esq., of Shrewsbury, New Jersey.

MILLER, DE LASKIE, Chicago, Ill., was born in Niagara co., N. Y., May 29th, 1818. He is the son of Daniel and Belinda (Jacobs) Miller. His early life was passed on his father's farm, his elementary education being obtained at the village school during winter time. At eighteen years of age he began to teach school, and having chosen the profession of medicine he at the same time entered upon its study under the guidance of Dr. Thomas G. Catlin, of Brooklyn. He graduated at Geneva med. coll. in 1842, and commenced practice in Lockport, Ill. Remaining there, however, for a short time only, he removed to Flint, Mich. Here he practised for several years, and identified himself thoroughly with all questions of public improvement and educational development. From Flint he removed, in 1852, to Chicago. In 1859 he was called to fill the chair of obstetrics and diseases of women and children in the Rush med. coll., a position he has continued to fill ever since. In 1863 he undertook a journey to Europe for the express purpose of procuring material for illustrating his lectures. He is also connected with St. Luke's hosp. as obstetrician, and is consulting phys. of the women's hosp. of the State of Illinois. He makes a specialty of gynæcology and obstetrics. He is a member of the Ill. State med. soc. He was married, in 1846, to Adeline O. Hurd, of New York State, who died in 1861.

WOODS, JOSEPH THATCHER, Toledo, O., was born, March 16th, 1831, in the town of Columbiana, O. His father is of German descent, the grandfather of the latter having emigrated to this country with his two brothers to better their fortunes. Their surname was Woltz. Having found employment in a pious Friend's family, he not only imbibed their tenets, but requested them to anglicize his name, and this effort resulted in the present nomenclature of "Woods." One of the brothers, however, retained his original appellation, and thus the families are by name divided. Dr. Woods' mother was Rebecca Thatcher, said to be a lineal descendant of a man bearing that name who came from England in the "Mayflower," 1620. He received his education primarily in a district school in Portage co., O., and earned by teaching and farm labor the means by which he attended the lectures delivered in the med. dep't of the univ. of Mich., from which institution he afterwards graduated. He began practice at a "cross-roads" in Hancock co., O. In Aug., 1862, he entered the U. S. service as the surg. of the 99th reg. Ohio vol. inf. This regiment was subsequently consolidated with the 50th Ohio, and he was retained as the surgeon. With these commands he was continually at the front, and participated in various campaigns, especially that of Atlanta. He was permanently detailed as one of the operating surgs. of the division, and was often in charge of hospitals at the front, as well as surgeon of various posts. The last year of his service he was occupied with staff duty, and in this

he continued until the close of the war. After his return home he accepted an appointment as prof. of physiol. and histol. in the Cleveland med. coll., O., and filled that chair for six years. He subsequently withdrew from that school and removed to Toledo. He is a member of the Am. med. asso., and of the Ohio State med. soc.

ERDMAN, WILLIAM B., Macungie, Pa., whose ancestors, natives of the Palatines, arrived in New York in 1737, son of Aaron Erdman and Anna (Breinig) Erdman, was born in Upper Saucon township, Lehigh co., Pa., March 13th, 1838. He received his literary education at Treemount seminary, Norristown, Pa., and his medical education at the univ of Pa., graduated from the latter in March, 1860, and settled in (Millerstown, Lehigh co., Pa., now) Macungie borough, in general practice, but making a specialty of diseases of the eye and ear. He is a member of the Lehigh co. med. soc., and was its treasurer during 1867–68 and 1877, its president in 1871–72–73, its corres. secretary in 1874 and 1875. He is the author of "Dislocated Femur with Complication," *Medical and Surgical Reporter*, vol. v., p. 58; "Dislocation of the Patella Vertically or upon its long Axis," *ibid.*, vol. xix., p. 506; "Case of Ovarian Tumor," State Transactions, 1877. From 1861 to 1869 he was attending phys. of the Lehigh co. almshouse. In June, 1865, he married Kate S. Mohr.

RIGGS, ELLIOTT SWIFT, Allegheny, Pa., was born, Jan. 16th, 1843, in Chester, Ill. He is the son of the Rev. Dr. C. C. Riggs, a Presbyterian minister, as was his father, and also his grandfather. His mother was Mary C. Todd, daughter of the Rev. Nathaniel Todd and Eliza Bradford, a descendant of the Bradfords distinguished in the early history of New England. He was educated at the Eldridge acad., Indiana co., Pa., and the Jefferson coll., Cannonsburg, Pa., from which he graduated in 1863, and, after reading medicine with Dr. F. M. McConaughy, of Blairsville, Pa., graduated at the Jefferson med. coll., Philadelphia, in 1869, having practised four years between his first and second courses of lectures. In 1865 he settled at Youngstown, Pa., where he remained until 1870, when he went to Emporia, Kansas, whence he returned to Pennsylvania, settling at Allegheny in 1872. He has several times performed tracheotomy, lithotomy, the various amputations, and most of the other surgical operations, major and minor. He is a member of the Allegheny co. med. soc.; of the Pa. State med. soc.; and of the Am. med. asso. He has read a number of papers before medical societies. During the last year of the civil war he served in the hospital department of the army of the Potomac. He is unmarried.

JOHNSON, AMOS HOWE, Salem, Mass., son of Samuel Johnson and Charlotte A. (Howe) Johnson, born in Boston, Aug. 4th, 1831, fitted for college at Phillips acad., Andover, Mass., graduated at Harvard in 1853, and also from Andover theological seminary in 1856. In Jan., 1857, he settled over the church in Middleton, Mass. In the fall of 1862 he commenced the study of medicine, graduated at Harvard med. school in 1865, commenced practice at Middleton in Nov., 1866, visited Europe and attended medical lectures at "La Charite" hospital in Berlin, and also at Vienna, during 1869–70–71, and returning, settled in Salem in May of the last-named year. He is a member of the Essex institute, Salem; president of the Essex south district med. soc., elected in May, 1877, and was a member of the International medical congress, held in Philadelphia in 1876. He is the author of "Correspondence of the State Medical Board of Health," "Report of Distribution of Diphtheria in Salem," State board of health, 1876; essay on "Physiological Limitations of Religious Experience," *Boston Congregationalist*, May, 1874; "Sanitary Condition of Salem," "Scarlet Fever," etc., etc. He has lectured in the Summer school of biology connected with the Peabody academy of science at Salem, on "The Function of the Nervous System;" has also given a special course to the theological students at Andover on the relations of "Physiological Conditions to Mental Experience," in the spring of 1875. He holds the position of phys. to Salem hosp. In 1859 he married F. S., daughter of Rev. Nathan Benjamin, missionary to Greece and Constantinople.

BROWER, DANIEL ROBERTS, Chicago, Ill., of German and English extraction, was born, Oct. 13th, 1839, in Philadelphia, Pa. He is the son of Davie R. Brower and Ann B. Farmer, both natives of Montgomery co., Pa. He was educated at the polytechnic coll. of Pa., Philadelphia, from which he graduated in 1860, and studied medicine in the med. dep't of Georgetown coll., D. of C., and the med. coll. of Va., Richmond, graduating at the former in 1864, and at the latter in 1867. Immediately after graduating in 1864, he entered the army as ass't surg. of U. S. vols., from which he was

honorably discharged in Nov., 1866, settling in Richmond, Va., where he remained until Dec., 1868, when, having been elected sup't of the Eastern lunatic asylum of Va. at Williamsburg, in that State, he removed to the latter city, remaining there as sup't till Dec., 1875, and then, his term of service having expired, he settled in Chicago, Ill. Mental and nervous diseases form his specialty. He is prof. of therapeutics and nervous diseases in the woman's med. coll. of Chicago; attends mental and nervous diseases at the St. Joseph's hosp., Chicago; and is one of the medical staff of the Central free dispensary. He is a member of the Chicago med. soc.; of the Ill. State med. soc.; of the Am. public health asso.; and of the Am. med. asso. His literary contributions consist of his reports as sup't of the Virginia lunatic asylum, and of reports of cases scattered through medical journals. He married, May 15th, 1867, E. A. Sheerer, and has two children.

COOVER, JOSEPH H., Harrisburg, Pa., son of Samuel Coover and Sarah (Stayman) Coover, of German descent, was born in Mechanicsburg, Cumberland co., Pa., Jan. 15th, 1838. He was educated at the Cumberland valley institute and at Dickinson coll., and studied medicine at the Jefferson med. coll., whence he graduated M. D. in 1863. After the war he settled in Harrisburg in general practice. He has performed a good many operations in surgery, having ligated the carotid, femoral, occipital, profunda, tibial anterior and posterior, and different other arteries; also operated for hernia, performed ovariotomy, tracheotomy, etc., etc. His specialty is diseases of women and children. He is a member of the Dauphin co. med. soc., was its vice-president in 1868 and is now its president; and of the Pa. State med. soc. He entered the army in 1862 as surg. of 5th brigade U. S. artillery, ordered to Nashville and to Chattanooga in 1863. In Nov., same year, established U. S. general hosp. at Murfreesboro', and in 1864 officers' hosp. at Annapolis, Md. In 1865 he married Flora L., granddaughter of Col. John Wolford, of York Sulphur Springs, Pa.

MERRIMAN, HENRY P., Chicago, Ill., was born in Hinsdale, Berkshire co., Mass., Aug. 25th, 1838; his family, for three generations, had lived in the same town. His literary education was acquired at Beloit coll., Beloit, Wis., where he graduated in 1863; previous to graduation at this institute, he had studied medicine for about a year, and was further prepared for a professional career in the Chicago med. coll., whence he graduated in 1865. He devotes special attention to obstetrics and diseases of women. He is a member of the International med. congress; of the Ill. State med. soc.; and of the soc. of phys. and surg., Chicago, Ill. In 1865, immediately after graduation, he was appointed acting ass't surg. in Camp Douglas, and held that position until the breaking up of the hospital. In 1870 he was appointed prof. of organic chemistry and toxicology in Chicago med. coll., and filled that chair until 1874, when he was transferred to the chair of medical jurisprudence and hygiene, which he still occupies. In 1872 a gynæcological clinic was established in connection with the Chicago med. coll., and from the commencement he has been on the staff. In 1875 he became one of the phys. to Mercy hosp., the trustees of the Chicago med. coll. having nominated him for the position, and given him the title of prof. of clin. med. His contributions to medical literature consist of various articles published in local medical journals. He was married in 1867 to Mary A. Avery, daughter of O. F. Avery, a merchant of Chicago, Illinois.

MAYO, WILLIAM WORRALL, Rochester, Minn., of old English ancestry, who lived for many generations at New Barns, near Manchester, England, was born near the last-named city, May 31st, 1819. He received his preliminary education at Manchester coll., England, and studied medicine at the Indiana State med. coll. in 1852. He received an *ad eundem* degree from the Missouri State univ. in 1853. He settled in Lafayette, Ind., as a general practitioner. He is a member of the Am. med. asso., and of the Minn. State med. soc., and was president of the latter in 1872. His contributions to medical literature consist of papers to the Transactions of the Minn. State med. soc. He is surg.-in-chief to the provost marshal's office for the southern district of Minnesota. He married in 1852.

BOYD, HENRY W., Chicago, Ill., was born in Flemingsburg, Ky., March 24th, 1843. When he was quite young his parents removed to Bloomington, Ill., and it was here that he received his early education. In 1857 he entered Wesleyan univ., from which he graduated in 1862, having taken a five years' course, during which he closely applied himself to all his varied studies. He graduated with the degree of A. M., and entered the office of Dr. W. H. Byford, of Chicago, as a student. He attended the course of lectures at the Chicago med. coll. in 1862, and then entered the U. S. service

as first hospital steward to the 94th Ill. vols. In 1864 he received the appointment of surg. to the 14th Ill. vols., and filled this position with ability until the close of the war, in 1865, when he returned to Chicago, completed his course at the Chicago med. coll., and graduated in 1866. After practising for a year at Alton, Ill., he went to Philadelphia and New York, spending in these cities altogether a year in not only attending lectures, but in availing himself of the valuable opportunities presented in these cities for practice in their hospitals. In 1868 he located in Chicago, and during that year became prof. of anat. in the Chicago med. coll., filling that chair until the spring of 1874, when he resigned. Since then he has organized a private school of anatomy. The museum of the Chicago med. coll. is largely indebted to his labors for its many finely articulated skeletons. Among his published papers are "New and Old Methods of Treating Lachrymal Obstructions," and "Strabismus: its Phenomena, Pathology, and Treatment." In 1867 he was married to Hattie Scarritt, of Alton. Ill.

TEFFT, NATHANIEL STACY, Plainview, Minn., was born in Hamilton, Madison co., N. Y., July 16th, 1830. He received his academic education in New York State, and his medical education in Cincinnati, O., graduating in medicine in 1852, and settled first in Sherman, Chautauqua co., N. Y., and afterwards in Plainville, in 1856. He is a member of the Minn. State med. soc., and of the Wabasha co. med. soc., he has been president of the latter. He was treasurer of the town of Sherman in 1855; postmaster at Minnersha, Minn., in 1856; justice of the peace in 1857; member of the first Minnesota legislature in 1861; chairman of the supervisors of the town in 1863; and member of the State senate in 1871. He has also been one of the trustees of the Minnesota hospital for the insane, and president of the L. S. O. railroad company for three years. He married in 1866.

LEWIS, ENOCH, Albion, Iowa, son of John Lewis and Hannah (Foulke) Lewis, of Pennsylvania, was born on a farm near Fredericktown, Knox co., O., May 5th, 1838. He received a plain English education, and studied medicine in the med. dep't of the univ. of Mich., the Cleveland med. coll., and Chicago med. coll., and graduated from the latter in Feb., 1867, and from the last named in March, 1873. He settled in Albion in 1867 in general practice, but devoted himself particularly to gynæcology. He is a member of the Am. med. asso.; of the Iowa State med. soc.; and of the Iowa central med. asso. He has been president and secretary of the latter. He is president of the school board of the independent district of Albion; and trustee and secretary of the Albion Seminary. In 1868 he married Rebecca, daughter of John Green, of Freeport, Harrison co., Ohio.

WOODBRIDGE, GRAFTON DUDLEY, Brunswick, Ga., of English and Irish ancestry, was born in Savannah, Ga., Oct. 5th, 1815. His general education was received at the academy in Cheshire, Conn., and in Franklin univ., Ga., and his medical education in the Washington med. coll., Baltimore, whence he graduated in the spring of 1839. He has been a resident of Savannah and Barton, Ga., and now resides in Brunswick. He is the author of an article on the removal of movable cartilage of the knee-joint without cutting. He served in the U. S. service as acting ass't surg. in the Florida war, and also in the same position during the war of the rebellion. He married in 1841.

CONOVER, CHARLES A., Marlborough, N. J., son of Joseph C. and Catharine A. Conover, was born, Feb. 13th, 1842, at Manalpan, Monmouth co., N. J. He was educated at the Jonesville (N. Y.) acad., and graduated from the New York med. coll. in 1865. He settled first at Marlborough, in his native county, next at Holmdel, in the same county, and then at Marlborough again. He is a member of the district med. soc. of Monmouth co., of which he was elected vice-president in 1875, and president in 1876. During the summer of 1865 he served as acting ass't surg. in the Richmond hosp. He married in 1870.

CARPENTER, ABRAM M., Keokuk, Iowa, was born in Lincoln co., Ky., Dec. 12th, 1834, and is of native southern extraction. His preliminary education was acquired at Centre coll. in his native State, and he went from there to the univ. of Louisville, Ky.; took a course at Jefferson med. coll., Philadelphia, Pa., in the winter of 1854–55, and graduated in Feb. of the former year. He then established himself in practice at Keokuk, Iowa. While engaged in general and consultation practice in southern Iowa, northeastern Missouri and western Illinois, he pays especial attention to gynæcology. For many years he has been secretary and treasurer of the Keokuk med. soc.; in 1866 he was corres. secretary of the Iowa State med. soc., vice-president in 1872; and was elected a member of the National med.

asso. in 1873. In 1876 he was appointed chairman of a committee to organize State board of health (by President H. I. Bowditch, Am. med. asso.) for Iowa, and has frequently served as health officer of Keokuk. In 1865 he was elected prof. of the practice of med. in coll. of phys. and surg., Keokuk, Iowa; attendance at the date of his election was forty, now two hundred and twenty-five. In 1873 he represented Iowa on the nominating committee (Dem.) He claims priority in the U. S. in the use of carbolic acid in scarlet anginosa, see foot note to p. 342, "Hartshorne's Essentials." Among his more notable contributions are "Spontaneous Evolution," "Hypodermic Medicines," "Reflex Vomiting," "Strychnia Poisoning," "Veratrum in Pneumonic Carbonic Narcosis."

ROSS, WILLIAM HENRY, Mobile, Ala., son of Dr. F. A. Ross, of Mobile, was born in that city, Jan. 16th, 1847. He was fitted for college in the private and public schools of Mobile, and entered the univ. of Ala., from which, however, he did not graduate on account of the civil war. In 1865 and 1866 he attended medical lectures at the univ. of La., and in 1866, 1867, and 1868, at the New York coll. of phys. and surg., from which he graduated in March of the latter year, settling in his native city. In 1868 and 1869 he was house phys. in the Charity hosp., New York; from 1871 to 1874, prof. of anat. in the Ala. med. coll., Mobile; in 1874 and 1875, phys. to the Small-pox hosp., Mobile; and in 1875, 1876, and 1877, quarantine phys. of the port of Mobile. He is a member of the Mobile med. soc., of which he was secretary in 1872.

WEBER, GUSTAV C. E., Cleveland, O., was born in Bonn, Prussia, May 26th, 1828. He came of a good family. His father, M. I. Weber, has been prof. of anat. in the univ. of Bonn, Prussia, since its foundation, in 1818: author of "Anatomical Atlas," which has been translated into every printed language, "The Hand-Book of Anatomy of the Human Body," "The Pelves and Crania of the Different Races," "Atlas of the Bones of Domestic Animals," and many other valuable works and writings; he was decorated by several of the crowned heads of Europe for his distinguished services in the cause of science. Gustav's education was chiefly obtained at Bonn univ., but before matriculating, the revolutionary movement of 1848 caused him to emigrate. He came to the United States in 1849 and began to work at agriculture near St. Louis; he soon, however, abandoned that business and returned to Europe, and completed his studies at Vienna, Amsterdam and Paris. In 1853 he came again to this country and settled in New York, where his brother Edward was engaged in the practice of medicine. His brother died that year, and he assumed his practice with success. The demands upon him were so great that his health failed, and in 1856 he was obliged to relinquish his practice. That year he accepted the chair of surgery in the Cleveland med. coll., made vacant by the resignation of Dr. Horace A. Ackley, and retained that position seven years. In the autumn of 1861 one of the first acts of Gov. Tod was to appoint him surg.-general of the Ohio forces, with special mission to organize a system for the better medical care of the troops in the field. After making arrangements for better condition of the camps and hospitals in the State, he obtained from the Secretary of War permission to visit the Ohio soldiers in the field, and the troops were greatly benefited by his labors. In the autumn of that year his wife's health and the pressure of his professional duties compelled him to resign. Gov. Tod in his reply expressed the highest appreciation of his services, and asked him before retiring to attend to the wounded upon the battle-field of Perryville, Ky. He obeyed these instructions, returned to Columbus, closed his official relations with the State and resumed his duties in the college. In the spring of 1863 he closed his connection with the Cleveland med. coll., and in 1864 organized the Charity hosp. med. coll., of which he was made prof. of clinical surgery and also dean of the faculty. He was also appointed consulting surg. of Charity hosp., an institution which owed its existence mainly to his suggestions and efforts. From first to last his services to the hospital were gratuitously rendered. It was finally merged into the med. dep't of the univ. of Wooster, he being chosen to fill the same positions occupied during its independent existence. He is the originator of a new method for closing arteries of large size in surgical operations without a ligature. This consists in reflecting the wall of the artery, or folding it back upon itself (like turning back the cuff of a coat), which doubles the thickness of the arterial wall at the end of the divided artery, and enables the artery to close itself by its own contraction. Lest the wall turn back again, a very delicate silver pin, one-eighth of an inch in length, is passed through the walls of the artery at the point of reflection. This method has been frequently tested, has never failed, and promises to eventually revolutionize the existing system of closing arteries with ligatures. It

prevents the introduction of foreign substances into the wound, and thereby effectually precludes the possibility of decomposition. He is also the originator of the method of removing stone from the bladder in females, by the division of the urethra as far as the sphincter and then the extraction through the dilated sphincter. In 1859 he established the *Cleveland Medical Gazette*, which he conducted with ability during several years. He was married in 1854 to Ruth Elizabeth Cheney, of New York city, and has two children, Carl and Ida.

BOND, THOMAS SHELDON, Chicago, Ill., was born in Lee, Berkshire co., Dec. 14th, 1842. His father, Rev. William Bush Bond, was a Congregational clergyman of Massachusetts. His mother was Harriet S. (Sheldon) Bond. He was fitted for college at the St. Johnsbury acad., Vt., and entered Amherst coll. in 1859, graduating from that institution in 1863, and receiving the degree of A. M. He removed to Illinois in September of the same year, and settled at Lake Forrest, a suburban village of Chicago, where he taught school for a period of ten years. Upon receiving an appointment as military cadet in the military dep't of the Marine hosp. at Chicago, he commenced the study of medicine, and attended regular courses in the Chicago med. coll., where he graduated in March, 1867. Associating himself with his preceptor, Dr. R. N. Isham, of Chicago, he then entered on practice, continuing in association with him until Aug., 1867. In the ensuing fall he matriculated at the coll. of phys. and surg. in New York city, and in the spring of 1868 received from it a degree. Returning afterwards to Chicago, he resumed his practice. In the fall of 1869 he was elected demons. of anat. in the Chicago med. coll., and in 1874 was appointed prof. of descriptive anat. in the same institution. He is a member of the Chicago medico-historical soc.; Chicago soc. of phys. and surg. He was married, April 20th, 1871, to Charlotte A. Mills, of Chicago, Ill.

MURPHY, JOHN A., Cincinnati, O., was born in Hawkins co., East Tenn., Jan. 23d, 1824. He received a literary education in the old Cincinnati coll., and in April, 1843, began the study of medicine in the office of Dr. John P. Harrison, of Cincinnati. He in the meantime entered the med. coll. of Ohio, and graduated in the spring of 1846. Immediately after graduation, he was elected one of the resident phys. to the Cincinnati hosp. This position he held one year, and in 1847 opened his office for private practice. To increase his professional knowledge, in 1853 he made a trip to Europe, and spent nearly two years attending the lectures and clinics of the most distinguished men of his profession, in Paris and other medical centres. He was one of the founders of the Miami med. coll. of Cincinnati. At the organization of this institution he was made a member of the faculty, and prof. of mat. med. When, in 1857, the Miami and the med. coll. of Ohio were consolidated, he was again elected to the chair of mat. med. On the independent reorganization of the Miami med. coll. in 1865, he was elected prof. of the principles and practice of med. This position he still holds. In connection with Drs. George Mendenhall and E. B. Stevens, he established and edited the *Medical Observer*, and after the union of this journal with the *Western Lancet*, he still remained one of its editors. During the war of the rebellion he was a member of the board appointed by Governor Tod to examine candidates for medical positions in the State regiments. He was also surg. of the board of enrolment for the 2d district of Ohio, and for three years acting ass't surg. in charge of the Third street Cincinnati U. S. military hosp. Dr. Murphy is a member of the med. staff of the Cincinnati hosp., a member of the Cincinnati med. soc., the Ohio State med. soc., and the Am. med. association.

RODGERS, ROBERT, Springfield, O., was born in Cumberland co., Pa., Sept. 26th, 1807. His parents were James and Jane (Quigley) Rodgers, both natives of Pennsylvania. He received his education in a private school in Shippensburg, and began the study of medicine in a private office in the same town. Having attended lectures at the univ. of Pa., he received his diploma from that institution in 1828, and immediately began practice at New Hope, Bucks co., where he remained three years. Thereafter he practised at Newville for one year, and then moving west settled for a year at Portsmouth, O., leaving there for Springfield in 1833. He arrived in Springfield when the city was a mere village, and has been identified with its growth and progress. In 1833 he married Effie Harrison, of Lebanon co., Pa.

AYER, JAMES, Boston, Mass., was educated at Bowdoin coll., from the literary dep't of which he was graduated A. B. in 1834, and from its med. dep't in 1839. He began practice in Boston shortly thereafter. He is a member of the Boston soc.

for medical improvement; of the obstet. soc. of Boston, of which he has served as vice-president; of the Mass. med. soc., to which he was admitted in 1841, and in which he fills the position of chairman of the committee on resignations; of the Suffolk district med. soc., of which he is a councillor; of the Mass. med. benevolent soc.; of the Boston med. asso., and of the Am. med. asso. His son, James B. Ayer, who graduated from the med. dep't of Harvard univ. in 1873, is associated with him in practice, and is district phys. to the Boston dispensary.

KINGSLEY, JAMES P., St. Louis, Mo., was born in that place Nov. 26th, 1840, and is of Scotch ancestry and native parentage. His preliminary and academic education was acquired at Paoli, Ill., high school, and Shurtleff coll., and he was prepared for a professional career at St. Louis med. coll., and Mo. med. coll.; date of graduation from the former institution, 1865—from the latter, 1870. He subsequently established himself in St. Louis, Mo. While giving attention to a general practice, he makes a specialty of diseases of children. He is a member of the Am. med. asso., of the Mo. State med. soc., of the St. Louis med. soc., and of the medico-chirur. soc., St. Louis. His contributions to medical literature consist of numerous articles on diseases of children, materia medica, etc.; also reports of cases of adults, published in various medical journals.

COMPTON, JOHN WILLIAM, Evansville, Ind., son of J. D. Compton, of Kentucky, was born near Hardinsburg, Breckenridge co., Ky., July 22d, 1825. His early years were passed on a farm, and his education was received at a common school and under private tuition. He commenced his career by teaching school, at the age of sixteen; subsequently took a full course of lectures in the med. dep't of the univ. of Louisville, Ky., and graduated in 1849, commencing practice the year after in Knottsville, Daviess co., Ky., removing to Owensboro', same county, in 1852, where he continued until the outbreak of the rebellion. Intermediately he had graduated from the med. coll. of Evansville, Ind. He settled in Evansville in Oct., 1865. He was a member and secretary of the Green River med. soc. from 1859 to 1865, at Owensboro'; member and president of the Evansville med. soc., elected Jan., 1877; of the Ind. State med. soc.; member of the Vanderburg co. med. soc., auxiliary to the State med. soc. of Ind., and chairman of some of its principal committees; hon. mem. of the district med. soc., Mitchell, Ind., and of the Southwestern Kentucky med. asso. From 1875 he has been professor of materia medica and therapeutics in the med. coll. As a teacher of materia medica he has advocated a change in the mode of teaching, by leaving to botanists and geologists the long botanical and geological description of medicines, and confining his lectures more particularly to the therapeutic indications and the good that may be accomplished by the judicious administration, and the harm that may be done by the injudicious use of remedies. He is clinical surg. for diseases of women in the med. coll. dispensary, Evansville, staff surg. to St. Mary's hosp., and county phys. for Vanderburg co., 1872. He is the author of "Geological, Geographical, Climatic, and Prevailing Diseases of the Second District of Kentucky," Medical Statistics Provost-Marshal General's Bureau, page 365; "Injuries to the Brain," *Medical and Surgical Reporter*, Nov., 1873; "Large Dose of Bromide of Potassium," *ibid.*, Oct., 1874; "Injuries to the Rectum," *ibid.*, 1876; "Sulphate of Cinchonidia a Substitute for Sulphate of Quinia," before the Ky. State med. soc., April, 1876; "Solution and Absorption of Medicine," before the Tri-State med. soc., at Vincennes, Ind., Nov., 1876; "Chemical Compounds in the Nutrition of the Human Body," before the Drake acad. of med., 1874; "Diseases of the Neck and Body of the Uterus," before the Ky. State med. soc., April, 1877; "Paralysis from Pressure of Displaced Uterus on Sacral Plexus of Nerves," before the Warwick co. med. soc., Nov., 1877; "State Medicine and Hygiene," before the Tri-State med. soc., Oct., 1877, etc. In Nov., 1862, he was commissioned ass't surg. of 17th Ky. infantry, and served in the field, at Clarksville and Nashville, Tenn., and at Russellville, Ky., until his resignation in March, 1863. He was commissioned surgeon of the board of enrolment for the 2d district of Ky., and served in that capacity till the close of the war, in 1865. In Nov., 1853, he married Sallie Morton, of Owensboro'.

AYRES, DAVID COOPER, Green Bay, Wis., was born in Dayton, O., Jan. 25th, 1820. His parents removed from Morristown, N. J., to the west in 1817, and settled at Dayton, O. He received a common school education, and was prepared for a professional career in Louisville coll., Ky.; also in the med. dep't of the univ. of N. Y., where he graduated in 1848. His first place of settlement was at Fort Wayne, Ind. In 1849 he moved to Wisconsin, taking up his residence at Neenah, whence he moved to Green

Bay in 1850. In 1835 he was elected president of the State med. soc. of Wis., and was a member of the Am. med. asso., 1856–58. His contributions to medical literature consist of miscellaneous reports, etc. In 1858 he was a candidate for the assembly, and was elected to the assembly in 1868; and in the same year was delegate to the Republican national convention in Chicago. He has served three terms in the State legislature of Wisconsin, 1868, 1871, 1872, and for nearly four years served as a surgeon in the Union army. He entered the miiitary service U. S. army with the 7th Wis. vols., as surgeon, and returned with them at the expiration of the term of service; participated in all the skirmishes and battles in which the "Iron Brigade" was engaged—Gainesville, Bull Run, South Mountain, Antietam, Fredericksburg, Chancellorsville, Brandy Station, Gettysburg, Culpepper, Mine Run, the Wilderness Petersburg, Yellow House, three battles on Hatcher's Run, Five Forks, Appomattox Court-House, and others. During the service he reported 1,123 casualties in his regiment, and was never off duty at any battle or on any march.

SEEM, ALBERT A., Bangor, Pa., of Pennsylvania German ancestry, born in Catasauqua, Northampton co., Aug. 24th, 1843, received his literary education at an Illinois high school, and graduated in medicine from the Jefferson med. coll., Philadelphia, in March, 1865. He settled first in Ackermanville, a few miles from his present location, and afterwards removed to Bangor, where he has pursued a general practice, but given special attention to diseases of the eye and ear. He was vice-president of the Northampton co. med. soc. in 1876. His contributions to medical literature consist of various essays read before the county med. soc. During the war he was ass't surg. of the 205th Pa. vol. reg. He has been a member of the Bangor borough council, and holds connection with the Bangor slate company. He married in 1869.

MAXWELL, JOHN K., Worthington, Pa., was born in Armstrong, now Clarion co., Pa., Oct. 25th, 1825, and is of Scotch-Irish ancestry, many of whom (male) were killed in the revolutionary war. He is entirely self-educated (too poor to be educated otherwise), and learned the elementary branches and mathematics, lying on his back, with his head to a burning pine-knot, in a log cabin, studying after the completion of his day's work, while all around him were asleep. He attended the course of lectures of 1852–53 at the univ. of Pa., Philadelphia, graduating from that institution in 1865. His first place of settlement was at Kellersburg, Armstrong (now Clarion) co., Pa., whence he removed to Worthington, Armstrong co., in 1855. His life has been one of severe labor and varied and trying experience. He has frequently, in the course of his practice, been compelled to walk over roads impassable for horses, and while thus engaged has frequently practised for a week at a time without sleep, and twice, at least, two weeks at a time. He has operated successfully for congenital imperforate anus, where the bowel was found an inch and a half from the perineum; and has had a case of strangulas gigas, expelled from the kidney of a lady, per bladder and urethra, after exhibiting spigelia. He is a member of the med. soc. of Armstrong co., and has been president and vice-president of that body. From his twenty-first to his twenty-sixth year he was deputy land surveyor of Clarion co.; in 1862 was a captain in Gov. Curtin's militia, and from March, 1863, to Aug., 1864, was an ass't surg. in the 45th Pa. vols. At the present time he is a member of the board of medical examiners appointed by the court of Armstrong co., in pursuance of the act of 1874, with regard to irregular practitioners. His self-acquired knowledge of the geology of his section (Pa.) led him, as early as 1852 (ten years before the first developments on Oil creek), to visit Philadelphia, with a view to interest capitalists in the development of the now oil region of northwest Pennsylvania. He was, of course, unsuccessful, and was ridiculed for being only ten years ahead of his age. He was married, Aug. 4th, 1851, to Hannah Lobough, who died April 10th, 1871; he was subsequently married to Mrs. Nancy Cowan.

HASBROUCK, CHARLES, Hackensack, N. J., of French extraction, was born in Marbletown, Ulster co., N. Y., April 11th, 1818. He graduated at the Fairfield (N. Y.) coll. of phys. and surg. in 1839, settling the same year at Schraalenburgh, Bergen co., N. J., and removing thence in 1855 to Hackensack, in the same county. Obstetrics and the diseases of women are his specialty. He is a member of the Bergen co. med. soc., and a fellow of the State med. soc., of which he was elected president in 1871; and also a member of the International medical congress in 1876. He was one of the founders, as well as one of the trustees, of the Hackensack acad. He married, in March, 1842, Ellen Christie, and, in Feb., 1858, Catharine W. Campbell, having five children, four by his first wife, and one by his second. [Died, Nov. 25th, 1877.]

HAMILTON, BENJAMIN F., Emlenton, Pa., a descendant of early New England settlers, born in Venango co., June 21st, 1838, educated at Jayme's acad., Clintonville, Pa., studied medicine at the Western Reserve med. coll., and at the Charity hosp. med. coll., Cleveland, O., and graduated in 1867, settling first at Coultersville, Pa., and subsequently removing to Emlenton. He is a member of the Venango co. med. soc.; its first vice-president and censor in 1877, and is now its president. He is author of an article on "The Treatment of Sebaceous Tumors," *Medical and Surgical Reporter*. He married in November, 1861.

WOODWARD, PEYTON SAMUEL, Jacksonport, Ark., was born in Nashville, Tenn., June 14th, 1832, and is of English parentage. He was educated and prepared for a professional career at Cumberland and Nashville, Tenn., universities, and graduated from univ. Nashville in the spring of 1850. His first place of settlement was at Nashville, Tenn., whence he removed to Newport, Jackson co., Ark., ultimately establishing himself in the practice of medicine in Jacksonport, Ark. He is a member of the Davidson co. med. soc., Nashville, Tenn.; of the State med. soc. of Tenn.; of the Jackson co. med. soc., Ark.; of the State med. soc. of Ark.; and of the Am. med. asso. He has filled the offices of justice of the peace, and alderman, in his locality. Date of marriage May, 1865.

BIGELOW, JACOB, Boston, Mass., was educated at Harvard univ., where he was graduated A. B. in 1806. He studied medicine at the univ. of Pa., from which he received his degree in 1810. He began practice in Boston shortly after graduation. For many years he was a member of the staff of the Mass. general hosp., and in memory of his valuable services to the institution one of the four new pavilion wards, built during the last three or four years, has been named after him. He is a member of the Boston soc. for med. improvement; the Boston med. asso.; the Mass. med. benevolent soc.; since 1813 of the Mass. med. soc., of which he has served as president; and of the Am. med. asso.

BAKER, WILLIAM H., Boston, Mass., was graduated from the med. dep't of the Harvard univ. in 1872. He is a member of the Boston soc. of med. observation; the Boston med. asso.; and the Mass. med. soc., to which he was admitted in 1872. He is lecturer on diseases of women in the med. dep't of the Harvard univ.; visiting surg. to the Boston free hosp. for women; and phys. to the Boston dispensary. Among his contributions to medical literature are "Mechanical Appliances in Uterine Surgery," *Boston Medical and Surgical Journal*, 1875; "Amenorrhea, its Causes and Treatment," *ibid.*, 1872; "Amenorrhea from Undeveloped Uterus," *New York Medical Journal*, 1873.

WHITING, AUREN W., Canton, O., was born in Litchfield co., Conn., in January, 1826. His parents were Ira and Elizabeth (Conklin) Whiting, both natives of Connecticut. Auren W. was educated mostly at the high school in Westfield, Mass. He read medicine with Dr. W. B. De Forest, in Colebrook, Conn., and in 1846 matriculated at the med. dep't of Yale coll. After one course of lectures in this college he repaired to Canton, O., where his brother was engaged in the practice of medicine, and here he continued his studies, and also gradually took up practice. In the winter of 1849–50 he attended lectures in the med. dep't of the Western Reserve coll., at Cleveland, and graduated from that institution in the spring of 1850. Located at Massillon, O., until the spring of 1857, he then spent about eighteen months in Europe, visiting the hospitals in Paris and other important European cities. He returned home in July, 1858, and, resuming his profession, entered the northern Ohio lunatic asylum. Here he acted as phys. for the next three years or thereabouts. He then entered the service of the United States, doing duty in the field hospital at Georgetown, where he was engaged for about four months. He then settled in Canton, O. He has been a member of the Ohio State med. soc. for many years, and, during its existence, a member of the Stark co. med. asso. During his connection with the northern Ohio lunatic asylum he was a delegate to the Am. med. asso., at Louisville, Ky.

WARD, JAMES O., Peru, Ind., was born, Feb. 9th, 1844, in Clinton co., Ind. He graduated at the Miami med. coll., Cincinnati, O., March 25th, 1867, settling first in Cass co., Ind., whence he removed, after about a year and a half, to Hillsboro', Clinton co., Ind., and thence, in the course of a few months, to Peru. He is a member of the Miami co. med. soc., of which he has been president, and is secretary now, as he has been before. For the last eight years he has been examining surgeon for pensions. In the civil war he served as a non-commissioned officer. He married, in November, 1867, Amelia B. Clements, and has three children.

WELLS, ALLEN W., Oxford, Ind., was born, Aug. 14th, 1836, in Lorain co., O. He was educated at Oberlin coll., O., and studied medicine at the Cincinnati coll. of med. and surg.; the Bellevue hosp. med. coll., New York city; and the Starling med. coll., Columbus, O.; graduating from the latter in March, 1864. He settled at Urbana, O., in 1862, from which he removed to Oxford, Benton co., Ind., in 1865. Formerly he made the eye a specialty, but now engages in general practice. He is a member of the Benton co. med. soc., of which he was elected secretary in 1874, and has since been annually re-elected. In 1863 he was one of thirteen medical men sent by the Governor of Ohio down the Mississippi to give aid to the sick and wounded Ohio soldiers. He was ass't surg. of the 134th Ohio vol. infantry in 1864, in May of which year he was detached from the regiment and made post surg. at Cumberland, Md. He married, in 1868, Myra N. Shideler, of Oxford, Ind.

WASTE, JOHN P., Plainview, Minn., born in Washington co., N. Y., Feb. 17th, 1837; received his medical education in the med. dep't of the univs. of Mich., and of Wooster, Cleveland, O., and graduating from the latter in February, 1865, settled in Plainview, Wabasha co. He is a member of the Minn. State med. soc., and of the Wabasha co. med. soc.; of the latter he is now president. In 1873 and 1874 he was State senator of Minnesota. He married in Ohio in 1867.

BERGEN, SYMMES HENRY, Toledo, O., was born, July 15th, 1826, near Princeton, N. J., and is a son of Christopher Bergen, an officer in the war of 1812. His paternal grandfather was an officer in the revolutionary army. He received a thorough classical education in a private collegiate school in Freehold, N. J., and subsequently, in 1844, commenced the study of medicine with his brother, Dr. Alfred Bergen. He attended two courses of lectures in the Berkshire med. coll., at Pittsfield, Mass., and also one course at the coll. of phys. and surg., in New York city. Having become a private pupil of Prof. Alonzo Clark, he accompanied the latter to Woodstock, Vt., in the spring of 1848, and in the month of June of the same year received a diploma and the degree of doctor of medicine from the Vt. med. coll. In the course of the following autumn he also received a diploma from the Berkshire med. coll. He commenced practice at North Bay, Oneida co., N. Y. State, July 15th, 1848, where he remained seven years, and then removed to Toledo, O. In 1861 he was elected coroner of Lucas co., and re-elected in 1863 and 1864, serving in that office for four years. At present he is a member of the board of health; he is also a member of the Toledo med. asso., the Ohio State med. soc., and president of the Toledo mutual life insurance company. He was married, Nov. 28th, 1860, to Mary S. Lalor, of Trenton, N. J.

WALKER, THOMAS FRANCIS, Cochran, Ga., of Irish ancestry, who settled in Virginia in 1760; born in Longstreet, Pulaski co., Ga., Feb. 26th, 1836; educated at Emory coll., Oxford, Ga.; studied medicine at the S. C. med. coll., Charleston, and at the Jefferson med. coll., Philadelphia, in 1857 and 1858, and graduated in March, 1858. In April of the same year he settled in Longstreet, Pulaski co., and removed to Cochran, in the same county, in September, 1873. His practice is general, but his specialties are surgery, gynæcology, and obstetrics, in all of which he has been very successful. Since 1859 he has been a member of the Ga. med. asso.; also a member of the asso. of medical Confederate officers, and is on important committees in both. He has contributed to the literature of his profession essay on "Embolism;" report of 527 cases labor (with death to but one mother by placenta prævia); reports to societies, etc., etc. During the war he was full surgeon in field and hospital service in the Confederate army. Has been mayor of Cochran and chairman of county health board for some time. In November, 1858, he married N. W. Brown, of Georgia.

MACREADY, JAMES, Monroe, O., of Scotch-Irish extraction, was born near Maineville, Warren co., O., March 17th, 1835. He received a scientific and classical education at Maineville seminary, passed a year at the Miami univ., and received the degree of M. D. at the med. coll. of Ohio, in March, 1859. Previous to graduating he had lived at Bethany, Butler co., O.; but afterwards he removed to Monroe. He has successfully performed several of the capital operations in surgery. He is a member of the Lebanon med. soc., of which he was elected president in 1876; of the Butler co. med. soc.; the Union district med. soc.; and Am. med. asso. He has read the following papers before the local societies of which he was a member: "Etiology and Pathology of Cerebro-Spinal Meningitis;" "Metrorrhagia, its Causes and Treatment;" "Typho-Malarial Fever;" "Mechanical Rest in the Treatment of Arthritis," etc. He was ass't surg.

of 13th Ohio vol. infantry, and served at Stone River, Chickamauga, Missionary Ridge, etc., in Tennessee and Georgia. In May, 1860, he married Sarah E. Keyt.

BARNES, ALLEN T., Anna, Ill., was born at Bedford, Ky., June 21st, 1832. His parents, Craven Barnes and Mary Barnes, were natives of Kentucky. His earlier and preparatory education was acquired in the South Hanover coll., located in Indiana. After leaving school he engaged in teaching for fifteen months, when he began to study medicine. He graduated at the Ky. school of med. at Louisville. He began practice in Austin, Ind. After three years he returned to Louisville, Ill., and was there professionally occupied until 1862. Shortly after the outbreak of the rebellion, early in 1862, he entered the service of the U. S., in the capacity of surg. of the 98th Ill. mounted infantry, served throughout the war, and was discharged Aug. 5th, 1865. While engaged in the army he did staff duty for a considerable period, and was placed in charge of the hospitals at Bowling Green, Nashville, and Chattanooga. At the close of the conflict he located himself at Centralia, Ill., where he resumed practice, remaining there until 1873. For seven years he was surg. of the Illinois central railroad, and during 1871 and 1872 was mayor of Centralia, having on each occasion been elected against his expressed wishes. Prior to this time he had also been alderman for a term of two years. In 1873 he was appointed sup't of the Ill. Southern hosp. for the insane, which position he still retains. This is the largest hospital in the State, having accommodation for four hundred patients. He was married while in Louisville, Ill., in 1856, to Elizabeth H. Green, a resident of that place.

EVERETT, OLIVER, Dixon, Ill., was born in Worthington, Mass., Sept. 12th, 1811. His parents were James Everett and Phœbe (Clark) Everett. His earlier education was acquired at the high school in the neighborhood of his residence, whence he entered the Berkshire med. school—connected with the Williams coll., Williamstown, Mass. —from which institution he subsequently graduated. In 1836 he removed to Dixon's Ferry, now the town of Dixon, and there began practice. His professional rounds ranged over a wide extent of country, including two or three counties adjoining Dixon. In 1863 he was elected mayor of Dixon. He was one of the most active promoters of the North Illinois hosp. for the insane, and in 1869–1873 was a member of the board of trustees of that institution. He has long paid great attention to the study of the natural sciences, and has a fine collection of geological and other specimens.

CRAIN, MARCUS FULTON, Angola, Ind., of native and Canadian parentage (his mother a distant relative of Commodore Perry), was born in Steuben co., Ind., Nov. 6th, 1848. His scientific and literary education was received at the high school of Angola, and his medical education at the Ind. med. coll., at Indianapolis. He graduated from the latter in Feb., 1873, and settled in Angola. His specialty is obstetrics. He is a member of the Ind. State med. soc., of the Northeastern Ind. med. soc., of the Tri-State soc., embracing the territory of northeastern Indiana, southern Michigan, and northwestern Ohio, and of the Steuben co. med. soc. He was vice-president of the Northwestern Ind. soc. in 1876 and 1877, is now president of the Steuben co. soc., and was delegate from the first-named to the Am. med. soc. in 1877. He was secretary of the Angola scientific and literary institute in 1875, 1876, and 1877.

JUNKINS, MILTON W., Bellaire, O., was born in Cadiz, Harrison co., O., Feb. 25th, 1834. His parents were natives of Ohio. He attended the common and high schools of his native place until he was seventeen years of age, when he took a clerkship in a drug store at Bridgeport, O. While thus employed he read medicine with Dr. McConnaughy, and attended a course of lectures at the Miami med. coll., Cincinnati. In Feb., 1855, he received his diploma, and in the following August began to practise in Bellaire. In 1861 Dr. Junkins was commissioned a lieutenant in the 61st reg. Ohio vol. infantry, and served in that capacity for about one year, at the end of which time a severe attack of asthma obliged him to resign. Having recovered somewhat from his malady he again entered the army as major of 170th reg. Ohio vol. infantry. At expiration of his term of service he returned to Bellaire and resumed practice. While the water-works of Bellaire were in process of construction, Dr. Junkins acted as treasurer of the city. He has been president of the medico-chirurg. soc. of eastern Ohio since its organization, and is a member of the State med. soc. He has been associated with the press of Bellaire from the earliest publication of a newspaper in that locality. He has extensive real estate and manufacturing interests in Bellaire, is part owner of a line of steamers plying between Wheeling and St. Louis, and is interested in a mercantile

house of Bridgeport. February 1st, 1865, he married Jennie Todd, only daughter of Dr. M. L. Todd, of Bellaire; she died October 2d, 1873.

FOSTER, JOSEPH HENRY, Lancaster, S. C., of French and English ancestry, born in Washaw, Lancaster co., S. C., April 20th, 1835; educated at Mount Zion School, Winsboro', S. C., and at the South Carolina coll., from which he graduated in Dec., 1855; studied medicine at the New Orleans medical school, and graduating M. D. in April, 1860, settled in Washaw, and afterwards in Lancasterville. Among his operations may be mentioned that he has twice re-sected the right wrist-joint, twice the elbow, and three times the shoulder; twice amputated the shoulder-joint successfully; performed the amputation of the thigh, etc., etc., etc.; all cases resulting from gun-shot wounds. He is a member of the S. C. med. asso., and was its vice-president in 1876. He was a surg. in the 5th S. C. reg. inf., Longstreet's corps, Confederate States army, from July, 1862, to April, 1865. In Nov., 1869, he married Lottie R. Brown.

HAUPT, FREDERICK L., Sunbury, Pa., of Pennsylvania-German ancestry, born at Sunbury, Nov. 11th, 1836; educated at Dickinson seminary, Williamsport, Pa., and graduated in medicine from the Jefferson med. coll. in 1861. He settled at Sunbury. He is a member of the Northumberland co. med. soc., and is now treasurer elect. He was ass't surg. 130th reg. Pa. vols. during the civil war, and contract surg. U. S. army. He was school director for three years; also an active member of the legislative committee to secure appropriation for the building of a hospital for Jefferson med. coll. He was surg. of the Philadelphia & Erie and Northern Central railroad company for twelve years; also phys. and surg. to Northumberland co. prison for fifteen years. He married in April, 1866.

ROGERS, JOHN G., New Richmond, O., was born near Camden, N. J., April 29th, 1797, his parents being Levi Rogers and Anna (George) Rogers. His father was in early life an itinerant Methodist preacher, who became a physician, and after practising some years in New Jersey, removed to Ohio. After studying with his father until his death in April, 1815, John G. read medicine with Drs. William Wagland, David Morris, and Zeno Fenn, and assisted them for several years. He settled in New Richmond, Clermont co., O., June 11th, 1818. In 1824 he was appointed by the State legislature, with others, to organize the first district medical society of Ohio, composed of the counties of Hamilton and Clermont. In 1825, when the medical college of Ohio, in Cincinnati, was fully organized by the appointment of Profs. Morehead, Cobb, Whitman and Slack, he attended lectures and graduated in that institution in March, 1826. He assisted in organizing the Clermont co. med. soc., and became a member of the Ohio State med. soc. in 1853; also of the Am. med. asso. He also was at one time phys. to the family of Jesse R. Grant, and officiated at the birth of his son, Ulysses S. Grant. He was married, Oct. 19th, 1820, to Julia Morris, daughter of Senator Thomas Morris, of Ohio, who had the courage to deliver the first anti-slavery speech in Congress, and who had the additional honor of being denounced by Robert Toombs as a man who, by his anti-slavery principles, polluted the very carpet upon which he stood. His son, Levi M. Rogers, received a medical education, practised his profession in Cincinnati more than twenty years, and died in the fiftieth year of his age. Dr. Rogers was again married, Nov. 19th, 1833, to Sarah Ann Mollyneaux, of Scotch-Irish parentage.

BUTLER, GEORGE WASHINGTON, Columbus, O., was born, Dec. 27th, 1821, in Wellsburg, (now West) Va., and is a son of the late Dr. Joseph and Elizabeth (Grayne) Butler. His father emigrated to Canada in early life and practised medicine in Quebec and Montreal, and about 1806 returned to the States, where he married and subsequently removed to Wellsburg, Virginia. After his death his widow and family removed to Holmes co., O. George was first educated in the school which his mother had kept in Wellsburg for seven years; then attended the common school and finished his studies in a select school. He studied medicine with Dr. H. L. Jeffers, of Nashville, Holmes co., O., and Drs. Oldfield and Cunningham, of Licking co.; graduated at the New York med. coll. in 1855, and began practice in 1844 at Alton, nine miles west of Columbus, where he remained until 1870, when he removed to the State capital. He is a member of the Ohio State med. soc. In 1857 he performed a rare and critical operation, the subject recovering, and is still living. One James O. Harren, while engaged in harrowing, fell beneath the timber frame, and his chest was torn open by the iron teeth, filling the cavity and his lungs with earth, etc. Dr. Butler was immediately summoned, and, having enlarged the opening, removed the foreign substances from the wound, washed

the exposed viscera, replaced the lung in its proper position, and the patient is now living in good health. He was married in 1842 to Harriet Prouty, who died in 1855; and again in 1856 to Margaret Clover, of Indiana.

ELMER, WILLIAM, Bridgeton, N. J., was born in that town, Oct. 5th, 1814. He comes of a long line of physicians, his father and grandfather having both been successful and prominent followers of the profession of medicine. His father, William Elmer, M. D., who died in 1836, was also a native of Bridgeton, where he practised for a period of ten years. The mother of the subject of this sketch was also to the manor born, being Nancy Boyd Potter, daughter of Col. Potter, of Bridgeton. He was prepared for college at the school of Rev. Isaac Brown, at Lawrenceville, N. J., and entered the sophomore class at Princeton coll. in 1830. From this institution he was graduated in 1832, and honored with the English salutatory oration. He then became a student under Dr. Joseph Parrish, of Philadelphia, and matriculating at the univ. of Pa. in 1833, he received his degree therefrom in the spring of 1836. The following eighteen months he spent at Blockley almshouse. Of this term he served for one year as resident phys., and at the end of that time he was elected as resident phys. of the children's hosp. In July, 1837, he returned to his native place and began practice. He is a fellow of the N. J. State med. soc., and served as its president in 1860; several times he has been chosen president of the Cumberland co. district med. soc. He was married, Dec. 19th, 1839, to Eliza R. Whiteley, of Wilmington, Delaware, and has four children living, three sons and a daughter; two of his sons are doctors—William Elmer, Jr., is practising at Trenton; H. W. Elmer, who was graduated from Princeton in 1866, and from the univ. of Pa. in 1869, is associated with his father in practice.

DYAS, WILLIAM GODFREY, Chicago, Ill., was born in Dublin, Nov. 4th, 1807. His father was William Dyas, of Castle St., Dublin. The Dyas family is of purely Spanish origin, and one which took high rank among the noblesse of Spain, having held ducal rank in the north of that country, in Burgos, Castile, its former residence. In early times, owing to their adherence to the Albigensian faith, the members of this family became subjects of persecution by the Romish church, and were ultimately compelled to flee their country. Landing in England, they received the protection of Elizabeth, then the reigning sovereign. Edward Dyas, the head of the family, subsequently entered the army of the Commonwealth under Cromwell, then fighting in Ireland. For his valiant services performed there, he became the recipient of various grants in Ireland; and also in 1690, for their efficient services at the battle of the Boyne, further grants were conferred upon the Dyas family. By these means the exiles became possessed of valuable properties and estates located in the counties of Meath and Cavan. William Godfrey is the fifth remove from Edward Dyas, and when in his sixteenth year entered Trinity coll., Dublin. From thence he was transferred to the Royal coll. of surg., where he graduated in 1830. In 1832 he received an appointment to the cholera hosp., county Kildare, which was under the supervision of the government. This position he retained during the epidemic of that year and until the closing of the hosp., when he was placed in charge of a fever hosp., and also three dispensaries, all of which were similarly under government control. In this varied and extensive field of practice he labored for a period of twenty-five years, when on the approach of the memorable potato famine and its final consequence, the entire prostration of all activity, he returned to Dublin, and was appointed ass't demons. of anat. at Trinity, his *alma mater*, acting under Prof. Harrison of the university. At the expiration of a year passed in the university, he came to America (1856), and immediately on his arrival became connected with the medical journals, to which he afterward contributed many articles. In July, 1859, he moved to Chicago and for a few months acted as editor of the *Chicago Medical Journal*, under the late Dr. Brainard; ultimately, however, he was drawn into active practice, and since has been continuously occupied therein. He was one of the prime movers in the establishment and organization of the women's med. coll. of Chicago, and is to-day president of that institution, a position to which he was elected in 1873. In the women's coll. he occupies the chair of theory and practice of medicine. He is also consulting phys. of the women's and children's hosp., and consulting surg. to the Cook co. hosp. As yet he has published no volume of medical works, although, in addition to less important essays, he had been during several years carefully preparing a collection of valuable facts and appropriate matter, which unfortunately was destroyed in the great fire, together with a library of medical and other works. He was married in Oct., 1830, to Georgiana Keating, daughter of Rev. George Keating, vicar of Mostrim

county, Longford, Ireland, and again in Oct., 1861, to Miranda Sherwood, daughter of the late David Sherwood, of Bridgeport, Conn. His eldest son, George Keating Dyas, is a physician, practising in Chicago.

HILL, HAMPTON EUGENE, Biddeford, Me., born in Mt. Vernon, Kennebec co., Me., April 21st, 1850; educated at the Biddeford high school, at the Portland school for med. instruction, Me. med. school, med. dep't of Mich. univ., and Long Island coll. hosp., and graduated from the med. dep't of Mich. univ., March 31st, 1871. He established himself first at Augusta, Me., and removed to Biddeford in March, 1875. He is a member of the Kennebec co. med. soc., and Me. med. asso. He was city phys. of Augusta, Me., in 1873; acting surg. at National soldiers' home, at Togus, near Augusta, Me., in 1874; member of the U. S. pension examining board at Augusta, in 1873 and 1874; and secretary of the same board at Saco, Me., during 1875, 1876 and 1877. He was demons. of anat. at Me. med. school in 1873 and 1874. He has been twice married: to his first wife in Aug., 1873; she died in December of the same year. He married again in March, 1875.

LINDSLEY, VAN SINDEREN, Nashville, Tenn., was born at Greensboro', Guilford co., N. C., Oct. 13th, 1840, and is a son of Silas Condict Lindsley, a distinguished educator in that State, who was brother of Philip Lindsley, D. D., founder and president of Nashville univ., and also of Harvey Lindsley, M. D., of Washington city. The family descends from John Lindsley, one of the earliest English settlers of the New Haven colony, Conn., who, with his sons, John and Francis, came from a place not far southwest of London. They settled at Branford, Conn., before 1640. The father, John (1), died at Guilford, Conn., 1650; Francis (2), removed from Branford to Newark, N. J., 1667, and died there, 1704, leaving son John (3), born 1667, who settled at Morristown, N. J., and left son John (4), born 1694, the father of Philip (5), and grandfather of Isaac (6), who was father of Silas (7), and grandfather of the professor (8)—a succession of eight American generations. Primarily educated at the Greensboro' institute, of which his father was principal, Dr. Lindsley was graduated A. M. at the univ. of Nashville, 1861, and in 1863 received the degree of M. D. from its med. dep't, by whose faculty he was subsequently elected demons. of anat., holding that position until 1868. About this time he married Lucie, daughter of pay director J. George Harris, U. S. navy. Returning from a tour of professional observation through some of the principal hospitals of Europe and the chief cities of the States, he was assigned the chair of surg. anat., which he occupied until 1871, when he was elected to that of physiology, to which was added in 1876 diseases of the eye and ear. Relinquishing general practice, in which he had been engaged at Nashville for a dozen years, he adopted diseases of the eye, ear, and throat as a specialty, and now gives to that branch of the profession his undivided attention. Papers on "The Reproduction of Bone," and on "Orthopedic Surgery" were read by him before the State med. soc., and monthly reports of his operations for cataract, strabismus, entropium, otitus media, etc., appear in the *Nashville Journal of Medicine and Surgery*. He was elected and re-elected president of the Nashville med. soc.; is a member of the Am. asso. for the advancement of science, and was a delegate from the State med. soc. to the International med. congress held in Philadelphia in 1876.

RUTTER, CHARLES LINDLEY, Chicago, Ill., was born in Philadelphia, Pa., Aug. 14th, 1842, and is the son of Daniel Rutter, M. D., and Esther T. Rutter, both natives of the Keystone State. His parents, with their family, removed to Chicago in 1849; and his ancestry have an American (Pa.) record of over two hundred years. After acquiring an elementary education, he entered upon a course of studies in medicine; and was prepared for a professional career in the Chicago med. coll., graduating from that institution in 1868. He is a member of the soc. of phys. and surg. of Chicago, and has been associated with that body since its organization; has been a member of the Chicago medico-historical soc., also since its formation; is a member of the Ill. State med. asso. He is secretary of the Floating hosp. asso., Chicago; demons. of anat. in Chicago med. coll. since 1873; and since 1876 has filled the position of superintendent of the North Star dispensary, Chicago, Ill. He was married, May 16th, 1871, to Rose D. Rolsson, of Baltimore, Md.

WAGENHALS, PHILIP M., Columbus, O., was born, March 1st, 1825, at Carrollton, Carroll co., in what was then Columbiana co., O. His father, the Rev. John Wagenhals, came to this country from Wittemberg and was a minister of the Lutheran church. In early life Dr. Wagenhals received a sound German literary education at the institution which is now the capitol univ.

of Columbus. At fifteen he began teaching, and after a year began to study medicine under Dr. Boerstler, at Lancaster, O. Then he entered the med. dep't of the univ. of Md. Here he graduated in March, 1847, and immediately returned to Somerset, Perry co., O., and began practice. In the year 1854 he removed to Lancaster, Fairfield co., O. In 1870 he formed a professional partnership with Dr. Kinsman, and four years later they removed to Columbus. In 1862 he was appointed U. S. pension examining surg. at Lancaster, and continued to hold that position until he removed to the State capital. He is a member of the Ohio State med. soc. In 1847 he married Susan E. Shaeffer, daughter of F. A. Shaeffer, of Lancaster, O. The marriage has been blessed by twelve children, nine of whom survive.

SPALDING, STEPHEN CASSIN, Shenandoah, Pa., was born, Feb. 26th, 1844, at Washington, D. C. He is the son of Hillary C. Spalding, a lawyer of Washington city, and Ann Cassin, daughter of the late Commodore Cassin, of the U. S. navy. He was educated at the Forrest hall acad., St. Mary's co., Md.; and after reading medicine with Dr. John H. Turner, of St. Mary's co., attended lectures in the med. dep't of the univ. of Md., from which he graduated, March 1st, 1870. In October of that year he began the practice at Lafayette, Ind., whence he removed in April, 1871, to Shenandoah, Schuylkill co., Pa. He is a member of the Pa. State med. soc.; and of the Schuylkill co. med. soc., of which he was elected secretary, Jan. 3d, 1877, and vice-president, Jan. 2d, 1878. In March of the former year he read before the county soc. a paper on cases in practice. He is deputy coroner of the town of Shenandoah.

WALKER, JOSHUA COCHRANE, Wilmington, N. C., of English ancestry on both sides, and Anglo-American parentage, was born in Wilmington, April 6th, 1833. He was educated in Wilmington; at St. George's coll., Md., and at the univ. of N. C., from which he graduated in 1854. He studied medicine at the univ. of New York med. coll., and received his degree of M. D. in March, 1858 He commenced practice in Wilmington, then removed to Fernandina, Fla., and afterwards returned to Wilmington. He is a member of the N. C. med. soc., and of the New Hanover co. med. soc., and was secretary of the latter in 1870, and president in 1873. He was surg. of the 1st N. C. reg. infantry Confederate States army, during the first two years of the civil war, and during the last two years surg. in charge of general hosp., No. 5, at Wilmington, N. C. He is port phys. of Wilmington. He married in Jan., 1863.

BALLARD, AMOS BENTON, New Lisbon, Ind., of German, French, and English ancestry, was born in Henry co., Ind., Feb. 24th, 1840. He received his early education in the schools of his neighborhood, and also at Hartsville univ., Bartholomew co., Ind. He studied medicine at the old med. school of Cincinnati, now the Cincinnati coll. of medicine and surgery, where he graduated in June, 1873. He also studied at the Miami coll., Cincinnati, previous to graduating, at which period he received a diploma for dentistry. He settled at New Lisbon, Henry co. His specialty is gynæcology. He is a member of the Henry co. med. soc., and of the Ind. State med. soc. He has been censor of the Henry co. soc. in 1877, and represented it at the State soc. meeting in 1875. He has been married three times.

LOCHMAN, W. JEROME, Allentown, Pa., son of Benjamin and Kate Lochman, born in Allentown, Lehigh co., was educated at Willow Grove acad.; at the Pa. military acad., and collegiate institute, and at the Muhlenberg coll., and studied medicine at the univ. of Pa., whence he graduated M. D., in 1871. He commenced practice in Conyngham, Luzerne co., in 1872, and removed to Allentown in 1873. He is a member of the Lehigh co. med. soc., has been its censor and vice-president. He has now in preparation a work on "Dental Materia Medica and Therapeutics." He is examiner for the Travellers' life and accident insurance company, and the Phœnix life insurance company of Hartford, and is surg. of the former; also examiner of the Metropolitan insurance company of New York, and the Home mutual, of Lebanon. In 1877 he married Emma F. Ritter, of Allentown.

DURKEE, SILAS, Boston, Mass., son of Hon. John Durkee, was born at Hanover, N. H., Nov. 22d, 1798. He graduated from Dartmouth coll., and received his medical degree from Brunswick coll., Me., in 1822. He commenced practice first in Portsmouth, N. H., and removed to Boston in 1841. His specialties are cutaneous and venereal diseases. He is fellow of the Mass. med. soc.; member of the Boston soc. for med. improvement; hon. member of the med. soc. of the State of N. Y., and hon. member of the Am. dermatolog. asso. He is the author

of a "Treatise on Venereal Diseases," which has gone through six editions, and of "Contributions to Dermatology," of which two editions have been published. He is fellow of the Am. acad. of arts and sciences; member of the Boston natural history soc.; hon. member of the Harvard natural history soc., and corres. member of the natural history soc. of Montreal. In Oct., 1828, he married a daughter of Elisha Whidden, Esq., of Portsmouth, N. H.

DAMON, HOWARD F., Boston, Mass., was educated at Harvard univ., graduating from its literary dep't as A. B. in 1858, and from the med. dep't as M. D. in 1861. He is a member of the Am. med. asso.; of the Boston soc. for med. improvement; the Boston microscopical soc.; the Mass. med. soc., to which he was admitted in 1862; and corres. member of the New York dermatolog. soc. For years he has been phys. to the dep't of skin diseases in the Boston city hosp. Among his contributions to med. literature are, "Leucocythæmia," the "Boylston Prize Essay" in 1863, published in Boston; "Photographs of Skin Diseases," Boston, 1870; "Neuroses of the Skin," Philadelphia, 1868; "Structural Lesions of the Skin," Philadelphia, 1869; "New Treatment of Venereal Diseases by Iodoform," Boston, 1872; "Some General Remarks upon the Relative Frequency of Skin Diseases," *Quarterly Journal Cutan. Med.*, 1870; "The Frequency and Varieties of Urticaria," *Arch. Dermat.*, 1874.

CHARLES, HENRY, Fairmount, Grant co., Ind., of English ancestry, who settled in Nantucket two hundred years ago, was born in New Garden, Wayne co., Ind., Aug. 9th, 1822. He was educated at Farmer's coll., near Cincinnati, and graduated in medicine from Ind. med. coll. at Annapolis in 1873. He settled first in Wayne co., Ind., and removed to Grant co. in 1860. His practice is general. He is a member of the Grant co. med. soc., and has been its secretary and president; and of the Ind. State med. soc. He has published monograms at various times on special subjects, such as "Zymotic Diseases," "Tobacco, its Injurious Effects," "Alcohol," etc. He has been married three times.

COOK, WARD, Pendleton, Ind., of English, German, Scotch, and Irish ancestry, was born in Monroe co. (now West Va.), Oct. 9th, 1808. He was educated partly in West Va., and partly in East Tennessee at Maxwell acad., Hawkins co., studied medicine in the med. dep't of the Cincinnati coll., and graduated in March, 1839. He had previously in Oct., 1832, obtained a license to practise surgery, etc., from the 13th district med. soc. of Ind. He settled first at Anderson, Ind., then in Monroe co., West Va.; and then in Pendleton, Ind. He is a member of the Madison co. med. soc. of Ind., and was its president during 1877; and of the Ind. State med. soc. In July, 1842, he married Mary Jane Harvey, of Red Sul hur Springs, Monroe co.

MILLER, T. CLARKE, Massillon, O., of Scotch-Irish descent, was born, July 17th, 1842, in Butler co., Pa. He graduated at the Charity hosp. med. coll., Cleveland, O., in 1867, and practised two years and a half in Newburg, O., and six years and a half in Cleveland, from which he removed to Massillon, his present residence. He is a member of the Ohio State med. soc.; of the Union med. soc. of northeast Ohio; of the Stark co. med. soc., of which he has been president; and of the medico-legal soc. of Cleveland; and an honorary member of the Cuyahoga co. med. soc. He held the office of coroner of Cuyahoga co. for four years, ending with 1876. During the civil war he served as a private soldier in the 9th Pa. vol. infantry.

ROSS, FRANK ARMSTRONG, Mobile, Ala., son of a captain in the U. S. army, in the war of 1812, was born in St. Stephen's, Ala., Feb. 24th, 1821. He was educated at Spring Hill coll., and the univ. of Va., and graduated in medicine from the univ. of Pa. in 1841, settling in Mobile. His practice is general. He is a member of the Mobile med. soc., has been its secretary and president; and has contributed papers to the society and to the Ala. State med. asso., of which he is also a member, and its president in 1870. He was private surg. to the Palmetto reg. S. C. vols. during first year of the Mexican war, and med. director of the district of the Gulf, including Alabama, west Florida, and east Mississippi, during the civil war. From 1842 to 1846 he was phys. and surg. to the Mobile city hosp. He married in December, 1844.

LEMEN, LEWIS ERASTUS, Georgetown, Col., was born, April 1st, 1849, in Belleville, Ill. He was educated at Shurtleff coll., Upper Alton, Ill., and graduated from the St. Louis (Mo.) med. coll., March 9th, 1870. The following April he began the practice at St. Louis, Mo., where he remained until August, 1873, when he removed

to Georgetown, Col. From June, 1870, to April, 1872, he was ass't surg. of the city hosp. of St. Louis. He was a member of the St. Louis med. soc.; and is a member of the Am. med. asso.; of the Col. med. asso., of which he was elected vice-president in June, 1877; and of the Clear Creek co. med. soc., of which he is secretary. He has contributed hospital reports to the *St. Louis Medical and Surgical Journal*, and to the Transactions of the Col. med. asso. an essay on the "Transfusion of Blood," with a report of three cases. He is a member of the board of health of Georgetown. He married, but is a widower.

SEELY, WILLIAM WALLACE, Cincinnati, O., was born in this State, Aug. 17th, 1838, and is of French origin, his ancestors having settled originally in Stamford, Conn. His literary education was acquired at Phillips' acad., Andover, Mass.; he pursued a course of higher studies at Yale coll., 1862; in 1864 he graduated from the med. coll. of Ohio. His specialty is diseases of the eye and ear. He is a member of the State soc., Am. ophthalmolog. and otolog. socs., 1866; since the latter date has been prof. ophthalmology and otology in med. coll. of Ohio, also secretary of that body; was formerly oculist to Cincinnati hosp., and is now oculist to the Good Samaritan hosp. His contributions to medical literature consist of various papers and articles on his specialty, etc., published in medical journals. He was married in 1870.

GREEN, JOHN ORNE, Boston, Mass., son of Dr. John Orne Green and Jane (McBurney) Green, born in Lowell, Mass., June 7th, 1841, educated at Phillips' Exeter acad., graduate of Harvard A. B., 1863, and A. M., 1866, studied medicine in the med. dep't of the last-named institution, and received his degree of doctor of medicine in 1866. He visited Europe, and studied in Berlin, Vienna, and Würzburg, and returning, settled in Boston in 1868. His specialty is aural surgery. He is a member of the Mass. med. soc., elected in 1868; of the Boston soc. for med. improvement, elected 1870; of the Boston soc. for med. observation in 1869, and in the same year elected a member of the Am. otolog. soc.; of the latter he was secretary in 1870. He has contributed largely to medical and surgical journals, and to society transactions. Among these contributions may be noted "Eleven Cases of Injury to the Ear from External Violence," Transactions Am. otolog. soc., 1869; "Obstinate Nausea, Vertigo, and Vomiting from Ear Disease," *Boston Medical and Surgical Journal*, 1867; "Cases Illustrative of Mastoid Inflammation," *ibid.* He is clinical instructor in otology at Harvard, and aural surgeon of the Boston city hosp.

ARMSTRONG, LEROY GRANT, Boscobel, Wis., a descendant of Francis Armstrong, who emigrated from Ireland, and settled in New York State in 1700, son of Robert Armstrong and Huldah (Grant) Armstrong, born in Cortlandville, Cortland co., N. Y., March 7th, 1834, educated at Fort Atkinson acad., and at the State univ., Madison, Wis., studied medicine at the Rush med. coll., Chicago, and graduated in February, 1858. He also studied at the coll. of phys. and surg. in New York, 1873, 1874. He commenced practice at Palmyra, Jefferson co., Wis., after a year removed to Fennimore, Grant co., and in 1862 entered the army. He subsequently settled in Boscobel in 1866. He is president of the Grant co. med. soc.; is member of the Am. med. asso.; and of the Wis. State med. soc.; he was vice-president of the latter in 1875. He is author of essays on "Puerperal Fever;" upon "The Proper Management of Women at Confinement;" on "The Unity of Disease," all published in the Transactions of the Wis. State soc. He was second ass't surg. of the 8th Wis. vols. in 1862, transferred to the army of the Potomac as first ass't surg. of 6th Wis. vol. infantry, subsequently promoted to be surgeon of the 48th reg. Wis. vol. infantry, and placed in charge of hosp. at Fort Scott, Kansas, and also at Fort Larned, Kansas, where he remained till February, 1866. In January, 1861, he married L. D. Bond, of Milton, Wis.

KING, JOSHUA, Rome, Ga., son of Jonathan King and Sarah (Taylor) King, was born, Dec. 25th, 1823, in Rutherford co., N. C. He was educated at Washington coll., East Tennessee, and graduated at the Baltimore coll. of dental surgery in March, 1848, subsequently graduating at the Castleton (Vt.) med. coll. He first settled in Rome, Floyd co., Ga., from which he removed in 1869 to Hot Springs, Ark., where he remained six years, and then returned to Rome. In the course of his practice at Hot Springs he, in conjunction with Dr. Vaughan, of that place, successfully performed the transfusion of blood from the carotid artery of a lamb into the arm of a Mrs. Justice. He is a member of the Floyd co. med. asso., and was a member of the Hot Springs med. asso., of which he was elected president. In the civil war he served as surgeon in the

Confederate army, having been the first surgeon appointed in what is known as Cherokee Georgia. His service ended, Oct. 1st, 1864, when he was attacked with inflammatory rheumatism, which unfitted him for further duty. He has married once.

NOEL, HENRY REGINAL, Baltimore, Md., was born in Essex co., Va., and is of English and American parentage. After acquiring an elementary education he was prepared for a professional career in the med. dep't of the univ. of Va., and graduated from his *alma mater* in the spring of 1858. His first place of settlement was at Tappahannock, in his native State; and from there he removed eventually to his present location, Baltimore, Md. He is a member of the Am. med. asso.; of the med. and chirurg. faculty of Md.; and of the Baltimore med. and surg. soc. He is prof. of physiology in Baltimore coll. dental surgery, and holds the same position in coll. of phys. and surg., Baltimore. During the conflict between the States he served in the Confederate States army as ass't surg. His contributions to medical literature consist of lectures on physiology and pathology, and articles on physiology. He was married in 1871.

JENKINS, ROBERTS HEARTSFIELD, Hogansville, Ga., was born, Dec. 16th, 1850, five miles southeast of Hogansville. He was educated at Newnan, Ga., and took his first course of medical lectures at the univ. of La., New Orleans, graduating in medicine from the univ. of Louisville in March, 1871, settling the same month at Hogansville, from which he moved in June to Geneva, Ga.; returning in September to Hogansville, whence he removed, Feb. 15th, 1872, to Clarendon, Monroe co., Ark., and thence, March 1st, to Lawrenceville, in that county, where he remained till January, 1875, when he went to Holly Grove, also in that county; and in 1877 to Hogansville again. He is a member of the Monroe co. (Ark.) med. soc., of which he has been vice-president and president, and of the State med. soc. of Ark. He has reported a case of puerperal convulsions, alternating with traumatic tetanus, and one of resection of the upper third of the femur.

BRÉHM, SAMUEL HENRY, Newville, Pa., was born in Mifflin township, Cumberland co., Pa., March 27th, 1841, and is of German extraction. His literary education was acquired at classical school, Newville, Pa., and he was prepared for a professional career at Jefferson med. coll., Philadelphia, graduating M. D., 1866. His first place of settlement was at Newville, Pa., with the exception of a period of ten months spent in the military service of his country. He is a permanent member of the med. soc. of the State of Pa.; an original member of the med. soc. of Cumberland co., Pa.; was elected vice-president of the co. med. soc. in 1876; and at different times has served as a member of the board of censors in the same body. In August, 1862, he enlisted as a private in the volunteer service, Union army, and served in the field with his regiment, and with the army of the Potomac, for a term of ten months. He was married June 3d, 1867.

BOOR, WILLIAM F., Newcastle, Ind., was born in Perry co., O., June 10th, 1819. His parents were Pennsylvanians, of German descent. By his own efforts he obtained a good English education in the common schools of his native county, and in April, 1842, became a student of medicine in the office of Drs. Dellon and Spencer. His first place of settlement was at Carlisle, Monroe co., Pa., July, 1845, whence at the expiration of one year he moved to Middletown, Henry co., Ind., August, 1846; in October, 1852, he entered Jefferson med. coll., Philadelphia, graduating March, 1853. He then returned to his field of professional labors at Middletown, where he remained until the spring of 1858, the date of his removal to Newcastle, the county-seat of Henry co., Ind. Having noticed in the treatment of enteric fever a very frequent and serious complication occurring about the end of the second week, ushered in with a chill, and speedily followed by pain in the groin, and down the leg, he brought his observations to the notice of the Henry co. med. soc. in an essay on "Femoral Phlebitis," in which he argued its pathological identity with phlegmasia dolens. He is a member of the Henry co. med. soc., in which, on several occasions, he has been elected to officiate as president; is a member of the Ind. State med. soc.; and, April 2d, 1870, was appointed U. S. examining surg. for pensions, which office he still holds. During the progress of the rebellion, April, 1862, he was appointed by Governor Morton surg. to the 19th Ind. vols., but declined the offer; subsequently, in August of the same year, he was appointed surg. to the 4th Ind. cavalry, which position he accepted, and served with the regiment until June, 1863, the date of his appointment, as brigade surg., in which capacity he served until he felt compelled, by dangerous and protracted illness of his wife, to resign his post, November, 1863. He has been twice married—in

April, 1847, to Catherine Axline, of Muskingum co., O., and five years after her demise, April 1st, 1857, to S. A. R. Roof, of Henry co., Ind.

DIX, JOHN H., Boston, Mass., was graduated A. B. from Harvard univ. in 1833, and as M. D. from Jefferson med. coll., Philadelphia, in 1836. After graduation he settled down to practice in Boston, and has always devoted especial attention to diseases of the eye and ear. Sept. 9th, 1840, he divided the internal rectus muscle for strabismus, it being the earliest case on record on this side of the Atlantic; reported in the *Boston Medical and Surgical Journal*, Sept. 30th, 1840. He is a member of the Am. ophthal. soc.; of the Am. otolog. soc.; of the Mass. med. soc. since 1837; of the Mass. med. benevolent soc.; and of the Boston soc. of natural history. Among his contributions to medical literature may be named: "Changes of Blood in Disease," translated from the French of M. Jibert for Dunglison's med. library, Philadelphia; "Treatise on Strabismus," Boston, 1841; "Essay on Morbid Sensibility of the Retina" (Boylston prize essay), Boston, 1849; "Sparkling Eye," *Virginia Medical and Surgical Journal*, 1853; "Relief of Deafness," *Boston Medical and Surgical Journal*, 1839; "The Ophthalmoscope and its Uses," *ibid.*, and *Virginia Medical and Surgical Journal*, 1856. During 1856 and 1857 he built the Hotel Pelham in Boston, the first strictly family hotel ever erected on this continent.

HACKLEY, CHARLES E., New York city; born at Unadilla, N. Y., Feb. 22d, 1836; graduated from the dep't of arts of the univ. of Pa. in 1856, and from the med. dep't of the same institution in 1860, and settled in New York. He is a member of the New York acad. of med. He has translated "Stellwag on the Eye," "Niemeyer's Practical Medicine," and "Billroth's Surgical Pathology," besides writing many articles for the journals of the profession. He is surgeon to the New York eye and ear infirmary, physician to the New York hosp. and Trinity infirmary, and clinical prof. in the woman's med. coll. During the war of the rebellion—from 1861 to 1864—he served as reg. surg. of the 2d N. Y. cavalry, and surgeon of cavalry division. In 1867 he married Emma W. Kent.

DERRICKSON, JOHN B., Warren, Conn., of Swedish ancestry; born in Paulsboro', N. J., Feb. 9th, 1826; received his academic education in Pennington, N. J., and his medical education at the Jefferson med. coll., Philadelphia, graduating in March, 1850. From 1850 to 1855 he was located at Crosswicks, N. J. He settled at Warren in the latter year. His practice is general. He is a member of the Litchfield co. med. soc.; fellow of the Conn. State med. soc.; was vice-president of the former in 1857–58, and chairman of its board of censors from 1875 to 1877. He has been town clerk, justice of the peace, etc., of Warren, and was superintendent of the public schools of Crosswicks for several years. In 1855 he married Harriet Fleming, of Paulsboro', N. J. She died one year after. He afterward married Emily G. Miles, of Warren co.

GRANT, WILLIAM W., Davenport, Iowa, was born in Russell co., Ala., Nov. 15th, 1846, and is the son of Dr. McDonough and Mary Benton Grant, now of Russell co., Ala., but natives of North Carolina, where they were reared and educated. After receiving an elementary education, he attended one course of lectures at Jefferson med. coll., Philadelphia, Pa., 1867–68, and in the spring of the latter year graduated at Long Island coll. hosp., Brooklyn, N. Y. His first place of settlement was at Dakota city, Dakota co., Neb., whence, in January, 1871, he removed to Davenport, Iowa. He is a member of the Scott co. med. s c.; of the Iowa State med. soc.; and of the Am. med. asso. His contributions to medical literature consist of a paper on "Cerebral Exhaustion;" an article on "Pelvic Peritonitis and Cellulitis;" "Relation of Summer Complaints, Diarrhœa—especially in Children—to Atmospheric Temperature;" and "Relations of Rheumatic Pains to Atmospheric Conditions." During the war between the States he took sides with the South; entered the Confederate States army, and served with it from the latter part of 1863 until near the close of the conflict, April 16th, 1865.

GARRISON, JAMES BUCHANAN, De Witt, Ark., was born in Franklin, Williamson co., Tenn., June 29th, 1842, and is the son of Rev. R. C. Garrison and Martha Garrison, of Lavernia, Texas. He was prepared for his professional career at the univ. of Mich., and Long Island coll. hosp., Brooklyn, N. Y., graduating in June, 1867. His first place of settlement was Woodville, Tenn., where he was occupied with professional labors until July, 1870, the date of his removal to De Witt, Ark. Among other important operations, he has performed that of gastrotomy for relief of intussusception; various amputations of thigh, legs, arms,

hands, and fingers, securing union by first intention; and removal of fibrous tumor originating in parotid gland, extending from temporal fossa nearly to clavicle: result, primary union. His contributions to medical literature consist of various articles published in different medical journals, among the most important being one on "Hypodermic Injection of Coffee in Opium Poisoning," and others on "Antiseptic Surgery" and "Methods of Obtaining Primary Union," etc., etc. He is a member of the State med. soc. of Ark. During the civil conflict he served as lieutenant in the army of the Confederate States. He was married, May 15th, 1864, to Gulnare Halliburton, daughter of Colonel W. H. Halliburton, of De Witt, Ark.

HINRICHS, GUSTAVUS D., Iowa City, Iowa; born at Lunden, Holstein, Germany, Dec. 2d, 1836; educated at the Polytechnic school, and univ. of Copenhagen, Denmark; graduated honorary M. D. from the Mo. med. coll., St. Louis, in 1872, and settled in Iowa City, Iowa. He is not a practising physician, but an investigator in physics and chemistry. Among his publications are "Die Electromagnetische Telegraphie, sammt den nöthigen Kenntnissen aus der Physik, leichtfasslich-wissenschaftlich dargestellt," etc., etc., Hamburg, 1856; "Beviis for Newton's Binomialformel. Mathematisk Tidsskrift, Kjöbenhavn," 1860; "Fem Love af den kosmiske Physik. Forhandlinger ved Skandinav. Naturf. VII. Möde," 1860; "Der Erdmagnetismus als Folge der Bewegung der Erde im Æther," Copenhagen, 1860; "Der Erdmagnetismus, etc., Mathematische Ergänzung," Copenhagen, 1860; on the "Density, Rotation, and Relative Age of the Planets," etc., *American Journal of Science*, 1864; "Das wahre Gesetz der Planeten-Entfernungen. Festschrift der Naturf. Gesellschaft zu Emden," etc., Emden, 1864; on the "Magnetic Period Depending on the Sun's Rotation," *American Journal of Science*, vol. xxxviii., pp. 420, 421, 1864; on the "Distribution of the Dark Lines in the Spectra of the Elements," *ibid.*, pp. 31–40, 1864; "Introduction to the Mathematical Principles of the Nebular Theory," *ibid.*, vol. xxxix., pp. 46–58, 134–150, 276–286, 1865; on the "Inclination of the Planetary Orbits to the Invariable Plane," *ibid.*, vol. xl., p. 131, 1865; on the "Spectra and Composition of the Elements," *ibid.*, vol. xxxii., pp. 350–363, 1866; "The Crystalline Form of the Anhydrous Carbonates," 1867; "The Crystalline Forms of Titanium Dioxide," 1867; "Programme der *Atomechanik*, oder, die Chemie eine Mechanik der Panatome," etc., Iowa City, 1867; "Resumé Français du Programme de l'atomécanique," etc., Iowa City, 1867; "A Programme of Atomechanics," etc., New York, 1867; "The Proximate Analysis of Coal," *American Journal of Mining*, New York, etc., 1868; "Chemical Report on the Fuel, Rocks, and Waters of Iowa," first annual report of the State geologist, Des Moines, 1868; "How a Snow-Flake is Built," *Scientific American*, April 18th, 1868; "Atomechanics, Proved by Tyndall's Experiments," *American Journal of Mining*, May, 1868; "Synopsis of New Memoirs on Atomechanics," Iowa City, 1868; "Documents Relating to the History of Atomechanics," Iowa City, 1868; "The Statics of the Four Types of Modern Chemistry, with Especial Regard to the Water Type," Proceedings Am. asso., advancement of science, vol. xvii., pp. 209–223, 1868; "A New and General Law Determining the Atomic Volume and Boiling Point of a great number of Carbon Compounds," *ibid.*, pp. 223–238, 1868; "Natural Classification of the Elements," *The Pharmacist*, Chicago, July, 1869; "The Lilies of the Fields, the Rocks, and the Clouds," "American Naturalist," pp. 299–306, 1869; "Zur Analyse der Steinkohlen," "Fresenius' Zeitschrift für Analyt. Chemie," 1869; "Ueber einen weiteren charakteristischen Unterschied zwischen Steinkohlen und andern Erdkohlen," "Verhandlungen der k. k. geolog. Reichsanstalt," No. 4, 1869; "A Demonstration of the Laws of Electrical Attraction and Repulsion," *American Educational Monthly*, 1869; "Sulphuretted Hydrogen Bottle," *The Pharmacist*, 1869; "Eine einfache Schwefelwasserstoff Reagentien-Flasche," "Fresenius' Zeitschrift," 1869; "Chemisch-physikalische Bemerkungen über die Realität rhombotesseraler Formen," "Anzeiger Wiener Akademie, No. 1," 1869; "Note sur la forme cristalline des sulfates," etc., 1869; "Molecular Perturbations," Proceedings Am. asso. for the advancement of science, vol. xviii., pp. 100–112, 1869; on the "Classification and the Atomic Weights of so-called Chemical Elements, with reference to Stas' Determinations," *ibid.*, pp. 112–124, 1869; on "Atomic Distances," *ibid.*, vol. xviii., 1869; "Ueber den Bau des Quarzes," "Sitzungsberichte der k. k. Akademie der Wissenschaften zu Wien," I. Abth., vol. lxi., pp. 83–88, 1870; "Zur Statistik der Krystall-Symmetie," "Sitzungsberichte der k. k. Akademie der Wissenschaften zu Wien," II. Abth., vol. lxii., pp. 345–361, 1870; "The Elements of Physics, demonstrated by the Student's own Experiments," vol. i., pp. iv., etc., Davenport, 1870; "The Principles of Pure Crystallography," pp. iv.,

Davenport, 1871; "The Elements of Chemistry and Mineralogy Demonstrated by the Student's own Experiments," Davenport, 1871; "A Biographical Sketch of Wilhelm von Haidinger," etc., Davenport, 1872; "The Method of Quantitative Induction in Physical Science," etc., Davenport, 1872; "School Laboratory of Physical Science," etc., 1872, etc.; "Pyrite on the Lateral Edges of Calcite Rhombohedra;" "Simple Arsenic Apparatus for the Certain Detection of Minute Traces of Arsenic;" on the "Law of Probability, as applied to the Determination of Mental Exertions;" and "The Dynamical Condition of the Three States of Aggregation," read before the Am. asso. for the advancement of science, August, 1872; "Sur la Rotation Moléculaire des gaz," 1873; "Sur les Points d'Ebullition et les Volumes Moléculaires des isomères chlorés de la séri éthylique," 1873; "Sur le Calcul des moments d'inertie des Molécules," 1873; "The Principles of Chemistry and Molecular Mechanics," etc., Davenport, 1874; "First Course in Qualitative Chemical Analysis;" "Simple Compounds in Aqueous Solution," 1874; "Sur la Constitution Atomique de la Benzine et du Térébène," 1875; "Le Calcul des moments d'inertie maximum des dérivés chlorés du toluène," 1875; "Sur la Détermination Mécanique des points d'ébullition des dérivés chlorés du toluène," 1875; "The Law of Muscular Exhaustion and Restoration—Nature," February, 1875; "Iowa County Meteorites," Iowa City, April, 1875, etc., etc., etc. He was also, for some time during 1870, editor and publisher of *The American Scientific Monthly*. He is prof. of physical science in the Iowa State univ., and of chemistry and toxicology in the med. dep't of the same institution. He was formerly chemist of the geological survey of Iowa, and organized the State meteorological system in Iowa, known as the Iowa weather service.

WILBUR, GREENLEAF AUGUSTUS, Skowhegan, Me., was born, Aug. 28th, 1820, in Sidney, Kennebec co., Me. He is the son of David Wilbur, a farmer, of Augusta, Me., and grandson of the Rev. Asa Wilbur, a Baptist minister, of Sidney, Me. He was educated at the Waterville coll. (now Colby univ.), Waterville, Me., from which he graduated in 1846; and studied medicine at the Jefferson med. coll., graduating in 1850. He settled in the latter year at Norridgewock, Me., whence he removed to Skowhegan in 1855. He has reduced a luxation of the superior maxilla; operated successfully for double harelip on a child three weeks old; and in the course of his practice delivered with forceps over sixty women, without a death, attributable to the operation, of either mother or child. He is a member of the Me. med. soc., of which he is one of the standing committee; and of the Somerset co. med. soc. He contributed to the *Scientific American*, No. 12, 1856, an article entitled "Electricity—How Excited; How Clouds are Surcharged; How it Produces the Magnet." In 1862 he was surgeon of the 11th Me. vols.; and from 1863 to 1865 surgeon of the board of enrolment for the third district of Maine. He married, in October, 1850, F. E. Moore, of Augusta, Me.

WHERY, WILLIAM P., Fort Wayne, Ind., was born in Ireland, Feb. 29th, 1840. He studied medicine in the Royal coll. of surg., and the univ. school of physic, Ireland, graduating May 24th, 1860. He began the practice in Dublin, whence he removed successively to London, the west coast of Africa, Fort Wayne, Ind., New York, London again, and back to Fort Wayne, his present residence. He is a member of the Allen co. med. soc., of which he was elected president in June, 1876, and re-elected in June, 1877. He has written on a variety of medical subjects, among which may be mentioned "Cases of Scarlatina Maligna;" "Eczema;" "Treatment of Skin Diseases;" "Gonorrhœa in Women;" "Eight Cases of Small-Pox Attacked with Typhus during Convalescence;" and "Physic and Fetich in Africa."

CARRÉRE, MAYNARD EDWARD, Charleston, S. C., was born in that city May 18th, 1813. He is the son of Charles Carrére, a native of Tarbes, France, and a coffee planter of St. Domingo, and Eliza Frances Rugge, of London. He was educated at the Charleston classical seminary, and graduated in medicine from the univ. of Pa. in 1837, entering upon the practice in his native city. Among his more important cases two are especially notable: one of pseud-arthrosis, in the person of a farmer aged thirty-two, who fell from a horse and fractured the femur about three inches and a half above the articulation of the knee-joint, and whom he cured radically in eight months by means of the pulley, tourniquet, and acupuncture, dispensing altogether with the knife; and the other a case of spinal affection in a colored boy thirteen years old, occasioned by a displacement of the seventh and eighth dorsal vertebræ, from undue violence on the spinal column in gymnastic exercises through a step-ladder, and which he permanently cured in eleven months by the use of a

special chair and the pulley, combined with alteratives, tonics, and a generous diet. In the former case, as in the latter, his treatment was aided by ingenious appliances of his own contrivance, which, however, it would require considerable space to describe intelligibly. He is a member of the med. soc. of the State of S. C., of the med. asso. of the State of S. C., and of various charitable societies. During the civil war he was a volunteer surgeon in the Confederate hosp. at Charleston. He married, first, Mary Wilkinson Legaré, daughter of S. Legaré, a planter of John's island, S. C.; secondly, Susan Theus, daughter of Major Simeon Theus, of Charleston, S. C.; and thirdly, Elizabeth Calhoun Jones, daughter of Dr. R. H. Jones, of Ashepoo, S. C.

DUPEE, HORACE, Boston, Mass., was educated at the Harvard univ., graduating therefrom as A. B. in 1832, and as M. D. in 1837. He settled down to practice in Boston, and during the same year was admitted a member of the Mass. med. soc. He is also a member of the Mass. med. benevolent soc., the asso. of life insurance examiners, and the Suffolk dist. med. soc. He was for some years physician to the Boston lying-in hosp., and is med. examiner for the Home life insurance company of New York.

FITZ, REGINALD H., Boston, Mass., was educated at the Harvard univ., from which he was graduated as A. B. in 1864, and in 1868 as M. D. from the med. dep't. He began the practice of his profession in Boston during the same year, and was admitted a member of the Mass. med. soc. He is also a member of the Boston. soc. for med. observation; of the Boston soc. for med. improvement; the Boston soc. of med. sciences; and has served as president of the Boylston med. soc. of Harvard univ. He fills the chair of ass't prof. of pathological anatomy in Harvard univ.; is microscopist and curator of the pathological cabinet of the Mass. general hosp.; and is physician to the Boston dispensary.

WADSWORTH, F. L., Chicago, Ill., was born, June 18th, 1835, at Hiram, Oxford co., Me. He is a son of John and Mary Wadsworth, of Puritan stock, originally from Wales. His great-grandfather was General Peleg Wadsworth, and his grandfather's sister was the mother of Henry Wadsworth Longfellow. Born and raised on a farm, he received a common school education, attending for a few terms the academy at the town centre, which he left to become a school teacher, after which he was employed in mechanics and literary clerkships (chiefly the latter) at Boston and New York until 1866, when he turned his attention entirely to medicine, graduating from the Rush med. coll. at Chicago, Feb. 3d, 1869. In 1868 and 1869 he assisted the prof. of chemistry in that institution in his entire laboratory work, and in the latter year became assistant to the chair of physiology; filling the place until the death of the professor in 1877, when he was appointed adjunct professor. In 1870 he was elected lecturer on physiology and microscopic anatomy in the faculty of the spring course at the Rush med. coll., which position he still fills. When the faculty of the spring course was reorganized by concourse in 1872, he retained his chair, and was appointed secretary of the reorganized faculty, an appointment he now holds. His preference in science is for physiology and chemistry. He is a member of the Chicago soc. of phys. and surg., and of the Am. public health asso. He is married and has two children.

MAYER, ISAAC H., Willow street, Lancaster co., Pa., of Swiss and German ancestry, was born in Strasburg, Lancaster co., Nov. 26th, 1844. He had a common school education, and studied also under private tutors. His medical studies were pursued at the Jefferson med. coll., whence he graduated M. D. in March, 1869, and settled in Willow street. He is a member of the Am. med. asso., of the Pa. State med. soc., and of the Lancaster city and co. med. soc.; was vice-president of the latter in 1875 and president in 1877. He married in May, 1874.

LYON, EDWIN B., New Britain, Conn., was born in Woodstock, Conn., Dec. 28th, 1830. After acquiring a preliminary and literary education, he entered upon a course of studies in medicine, was prepared for a professional career in Berkshire med. coll., and graduated from that institution in November, 1862. His first place of settlement was in Palmer, Mass.; whence, after a temporary residence, he removed to New Britain, Conn. In the opening of his career he was employed, for a period extending over about seven years, in the capacity of teacher and principal in various high schools and academies, and for two years filled the position of teacher of surgery and anatomy. He is a member of the Am. med. asso., State and city med. socs.; was demonstrator of anatomy and pros. of surgery in Berkshire med. coll. two years, 1863–64; was a member of the city board of health; and for one

year was surgeon Dale military hosp. He was married twice—to Charlotte M. Ward, of Palmer, Mass., and Emily A. Taylor, of Albany, N. Y.

THAYER, PROCTOR, Cleveland, O., was born on Oct. 16th, 1823, at Williamstown, Berkshire co., Mass., and is a son of the late Daniel Thayer, a farmer of that section, who died when his son was but seven years of age. He was educated at the Western Reserve coll., Hudson, O., graduating in the scientific department of that institution when nineteen years old. Shortly after this event he entered the office of Prof. J. Delamater, M. D., of Cleveland, where he commenced the study of medicine, prosecuting the same in the Cleveland med. coll., from which school he graduated in the class of 1849. Returning to the office of his preceptor, he became associated with him in his practice for a period of ten years. Meanwhile he was appointed, in 1852, demonstrator of anat. in the Cleveland med. coll., and in 1856 was chosen to fill the chair of anat. and physiol. in the same institution, which position he held until 1862. In the last-named year he was transferred to the professorship of the principles and practice of surgery, which he yet retains, with the addition of medical jurisprudence. Portions of the years 1862–63 were spent as surg. in the army during the war of the rebellion. Returning to Cleveland, he resumed practice in addition to his duties as professor. He has served in the city councils for four years. He was married in 1861 to Mary Ellen Masury, of Cleveland.

TAYLOR, ROBERT WILLIAM, New York city, N. Y., was born in London, England, Aug. 11th, 1842. He acquired his literary and academic education at Grace Church school, Newark, N. J., and enjoyed also the advantage of private tutors in classics and foreign languages; he subsequently was prepared for a professional career in the coll. of phys. and surg., New York, under the preceptorship of Dr. W. Parker, graduating in March, 1868. While giving attention to general practice, he has made a specialty of the study and treatment of syphilis, skin diseases, and genito-urinary diseases, and for six years was surg. to the dep't of venereal and skin diseases of the New York dispensary. He is a member of the dermatological soc. of New York; of the county med. soc. of New York; of the neurological soc.; of the Medical Journal asso.; of the Am. dermatolog. asso.; was the first treasurer of the dermatolog. soc. of New York, and one of the first incorporators and members thereof, corres. secretary one year, and president two years (during one of these years was also vice-president of the Am. dermatolog. asso. in its first year, secretary in its second); has been secretary of the Medical Journal asso., and is now trustee of that body. At the present time he is one of the surgs. to the venereal dep't of Charity hosp., and phys. to the dep't of skin diseases of Bellevue hosp. dispensary; was for three years prof. of diseases of the skin in the woman's med. coll., New York; and is now prof. of skin diseases in the univ. of Vermont. For the past six years he has been the reader for the *Medical Record* of New York, of works upon skin and venereal diseases, and has contributed numerous editorials to that journal. In 1874 he was elected corres. member of the "Gesellschaft für Natur und Heilkunde zu Dresden;" and corres. member of the Meigs and Mason acad. of med. of Ohio. He has written numerous essays and reviews upon skin diseases, syphilis, and genito-urinary; and has also published a work upon osseous lesions of syphilis in infants and young children. His principal essays are as follows: "Serpiginous Tubercular Syphilida," "On the Papulæ Syphilides," "On Dactylitis Syphilitices," "A Clinical Lecture on the Treatment of Eczema," "On the Etiology of Infantile Eczema," "On the Xeroderma of Hebra," "On Sciatica as Caused by Syphilis," "On Syphilis of the Nervous System," "Clinical Notes on Lichen Planus," "On Contagious Impetigo," "Transmission of Syphilis in Circumcision," "On the Hereditary Transmission of Syphilis," "On the Treatment of Pruritis Cutaneous," etc., etc., in the *Boston Medical Journal*, *New York Medical Journal*, *Archives of Dermatology*, *Archives of Science and Practical Medicine*, *American Journal of Medical Science*, *American Practitioner*, *Philadelphia Medical Times*, and *New York Medical Record*. He has written the quarterly reports on general questions in syphilis for the *Archives of Dermatology* since its foundation, and also many of the resumés of foreign articles in the early volumes of the *Am. Journal of Dermatology and Syphilis*.

PAYNE, EDWARD DUGGAN, Towanda, Pa., was born, July 2d, 1836, at Reading, Pa. He is the son of Rev. Thomas Payne, a native of the north of Ireland, and Elizabeth Wilson, of English parentage. He received an academical education in the State of New York, and began the study of medicine with the late Drs. Huston and Porter, of Towanda, graduating from the Jefferson med. coll. in 1857. In Sept., 1861, he was

appointed ass't surg. in the U. S. navy, in which capacity he was on board the "Congress" in her fight with the "Merrimac," March 8th, 1862, and was ass't surg.-in-charge on the "Metacomet," in Aug., 1864, in the action in Mobile bay. In June, 1865, he passed an examination for surgeon, and was placed on the list of passed assistant surgeons, receiving his commission as surgeon in the U. S. navy in Nov., 1871. Since the war he has made two cruises in the Pacific: the first of about a year; the second, of three years, embracing an extensive visit to Micronesia and Polynesia. In April, 1876, he was placed on the retired list, by reason of sickness contracted in the line of duty. His contributions to medical literature consist of reports of cases and other matters published by the navy department, which may be found in "Contributions to Medical Science, U. S. Navy Department, I., Medical Essays," 1872, pp. 156, 345, *et seq.*, and in "Sanitary and Medical Reports, 1873–74, III., Navy Department," p. 695, *et seq.*

HUTCHINSON, IRA, Cromwell, Conn., son of John Hutchinson, a farmer of Hebron, Conn., was born in the latter place, March 1st, 1800. Until fifteen years of age he attended the Connecticut common schools, after which he spent a few terms at the Bacon acad. in Colchester, Conn., and studied Latin with the Rev. D. Basset, of Hebron, and then passed four or five years in teaching, entering finally upon the study of medicine in the office of Dr. Silas Butler, and, having remained with him the required time and taken two full courses of lectures at the Yale med. coll., graduated from that institution March 1st, 1825. He first settled in Haddam, Conn., where he resided twenty-eight years, removing at the expiration of this period to Cromwell, his present residence. He is a member of the Conn. med. soc., of whose standing committee he was one in 1866 and 1867, and of which he was elected president in May, 1873. His literary contributions have been confined to the proceedings of this society. He married, March 16th, 1826, the widow of Dr. Andrew F. Warner; and, January 12th, 1847, Laura Ann Dart, daughter of Joseph Dart, Esq., and has six children by the former, and one by the latter.

DIEFFENBACHER, PHILLIP L., Havana, Ill., was born in Northumberland co., Pa., Feb. 6th, 1830. He is the eldest son of Daniel and Catherine (Long) Dieffenbacher. His parents emigrated to the west in 1837, and settled in what was then part of Tazewell (now Mason) co., Ill. He remained at home and helped improve a new farm until 1849, when he entered the Newville acad. In 1851 he commenced the study of medicine in the office of Drs. P. H. and S. H. Long, of Mechanicsburg, Pa. In 1853 he entered the Jefferson med. coll. of Philadelphia, and graduated in the spring of 1855. He began practice at Mount Joy, Lancaster co., Pa. In the spring of 1856 he returned to the west and located in Havana, Ill. In 1862 he entered the U. S. service as first ass't surg. of the 85th reg. Ill. inf., and was promoted to surg., with rank of major, in June, 1863. He served with this body until the close of the war, when he returned to Havana. He makes surgery a specialty. He performed the operation of re-section of the shoulder-joint for gunshot wound, successfully, in 1860, just before the war. He is a member of the State med. soc., also of the Mason co. med. soc., and has been vice-president. He is U. S. pension surgeon for Mason co. In 1857 he was married to Frances A. Parmelee, of Lockport, N. Y. He was married a second time, in 1874, to M. M. Mitchell, of Bath, Illinois.

QUINE, WILLIAM EDWARD, Chicago, Ill., son of William and Margaret (Kinley) Quine, was born in the Isle of Man, Feb. 9th, 1847, and removed with his parents to Chicago, Ill., in 1853. Having acquired his preliminary education in the public schools, and the high school of Chicago, he entered a drug store, and during the ensuing four years applied himself to the study of materia medica, pharmacy and chemistry. In 1856 he commenced attending lectures in the Chicago med. coll., graduating from that institution in the spring of 1869. Six months previous to graduation, he was elected, from a competitive examination, to the house staff of Cook co. hosp., and served in that relation for a period of eighteen months. He established himself in private practice as the partner of Dr. T. D. Fitch, the partnership continuing one year. In 1870 he was chosen as lecturer on mat. med. and therap. in Chicago med. coll., and in 1871 prof. of that chair. In 1872 he was elected to the med. board of the Cook co. hosp. as attending accoucheur of that institution; is a member of the Chicago med. soc., secretary of that body in 1871 and 1872, and president for one year, 1874; a member also of the Chicago soc. of phys. and surg.; and of the Ill. State med. soc., elected treasurer in 1874. Since 1872 he has served as phys. to Cook co. hosp.; and since 1877 has filled the position of prof. of theory and prac. of med. in woman's med. coll., Chicago, Ill. He is a

general practitioner; has had two cases of ovariotomy—both successful;—tracheotomy, staphylorrhaphy, and lithotomy. He was married, Nov. 14th, 1876, to Lettie A. Mason, of Normal, Ill., who had been previously engaged in missionary work in Kiu-Kiang, China, and compelled to desist from her labors on account of enfeebled health.

SAWYER, JOHN WOODBURY, Providence, R. I., son of J. Sawyer and Anna W. Sawyer, born in Danvers, Mass., Nov. 5th, 1834, graduated in medicine from the med. dep't of Harvard coll. in July, 1859, and settled in Providence as ass't phys. to the Butler hosp. for the insane. He then became ass't phys. to the Wisconsin hosp. for the insane, and subsequently again became ass't phys. to the first-named institution. He is a member and has been twice president of the Providence med. asso., and also a member of the R. I. med. asso. In Feb., 1871, he married Mary Elizabeth Proctor, of Danvers, Mass.

NEAL, HARRISON, Hollister, Cal., of Scotch-Irish ancestry, born at Kent Post-Office, Indiana co., Pa., Sept. 9th, 1834. His education was received at his native place, where also his medical studies were pursued in the office of Dr. Mabon. He also studied medicine at the Jefferson med. coll., Philadelphia, where he graduated in 1859. He has resided and practised medicine at Turtle Creek, Allegheny co., Pa. (1860); at Wilkinsburg in the same county (1866); and at San Juan, Monterey co., Cal. (1870). He finally settled in Hollister in 1872. He was formerly a member of the Allegheny co. med. soc. of Pa.; is now a member of the med. soc. of the State of Cal. Is physician for a number of life insurance companies.

LEWIS, EDWARD C., Canal Dover, Ohio, was born in Holmes county, O., Dec. 26th, 1838. He received his preliminary education at the Berlin high school, the Fredericksburg acad., and at New Wilmington. After studying medicine for four years under Prof. J. W. Hamilton, of Columbus, O., having also the daily clinical advantages of the hospital in the Ohio penitentiary, he was for two years a pupil of Prof. Joseph Pancoast, of Philadelphia, where he also graduated at Jefferson med. coll. in 1862. In the spring of 1862 he passed a successful medical and surgical examination before the U. S. navy board, in the city of New York, and accepted the commission of surgeon to one of the U. S. army hospitals at Louisville, Ky., but, after a brief experience with hospital gangrene, resigned the place and established himself at New Philadelphia, Tuscarawas co., O. While there he was phys. to the county infirmary, whence, at the expiration of two years, he removed to Canal Dover. He has been president of the Tuscarawas co. med. soc., and is a member of the Ohio State med. soc. For the past ten years he has served as a member of the agricultural society of Tuscarawas co., and is surgeon for two of her important railroads. In 1873 he was nominated by acclamation, and elected to represent his county in the sixty-first general assembly, where he was a member of several important standing committees, and was chairman of the standing committee on benevolent institutions. Declining the renomination to the house of representatives, in 1875, he was nominated by acclamation in the joint convention of the eighteenth senatorial district, and elected by a larger majority than was given to any one upon State or county ticket in his district. He is the author of several important reformatory measures. He was married, Oct. 22d, 1862, to Mary E. Slingluff, daughter of the late Dr. Joseph Slingluff, of Canal Dover.

GREENOUGH, FRANCIS BOOTT, Boston, Mass., of English descent, was born in that city, Dec. 24th, 1837. He is the son of Henry Greenough, and nephew of Horatio Greenough, the well-known artist. His mother was Frances Boott, daughter of Merchant Boott, and niece of Kirk Boott, one of the first Lowell manufacturers. He graduated at Harvard univ. in 1859, from which he subsequently received the degree of A. M., and, after spending a year in the Lawrence scientific school, went abroad for three years, studying medicine at the univ. of Pisa, Italy, and at Florence, and on his return home entering the Harvard med. school, and graduating in 1866, having served during the summer and autumn of 1864 as acting ass't surg. in the U. S. army at the U. S. general hosp. in Portsmouth Grove, R. I., and in 1865–66 as house phys. in the Mass. general hosp. On his graduation he spent a year at Vienna, and finally, in Oct., 1867, settled down to the practice in his native city. He has devoted special attention to diseases of the skin and venereal diseases, but practices general medicine and surgery. He is a member of the Mass. med. soc.; and of the Boston soc. for med. improvement, of which he was secretary in 1871; and an hon. member of the New York Roman med. soc.; and has been a member of the Boston soc. for med. observation, as also of the Boston soc. of med. science,

but has resigned his membership of these. He has contributed several articles to the medical press. He has been surg. to the Carney hosp., and to the St. Joseph's home; and phys. to the children's hosp.; and is now in charge of the skin and venereal dep't of the Boston dispensary, and clinical instructor in venereal diseases in the Harvard med. school. He is not married.

HARD, CHESTER, Ottawa, Ill., was born in Mount Morris, Livingston co., N. Y., Feb. 8th, 1827. He received most of his education in Michigan and in Illinois, having removed at an early age to the former State, and in 1844 to St. Charles, Ill., where he began to study medicine under his brother, Prof. Nicholas Hard, M. D. In 1847–48 he attended two courses of lectures in the Indiana med. coll., and received his degree from that institution; immediately after which he began practice in Aurora, in company with his brother, the professor, continuing there for two years. In 1850 he removed to Ottawa, Ill. In 1852 he received an *ad eundem* degree from the med. dep't of the univ. of Missouri. He became a member of the Am. med. asso. in 1858, and in 1862 was appointed one of the examining surgs. of the U. S. pension dep't. He is also one of the trustees of the Ottawa academy of science, and has been president of the city board of education. In 1850 he was married to Amanda S. King, of Aurora.

PERRYMAN, JAMES LAFAYETTE, Belleville, Ill., was born in Claiborne co., East Tenn., April 11th, 1831. His ancestors were prominent in the early colonial days of this country; one was secretary to Lord Baltimore, and another secretary of the colonial assembly of Virginia; still another participated notably in the early Indian wars. His grandfather fought under Gen. Wayne in the struggle for independence. Both branches of the family are of English extraction, and their residence in North America dates back over two hundred years. His father was Charles Madison Perryman; his mother, Louisa I. (Cullensworth) Perryman, was the daughter of a well-known officer who was actively engaged in the revolutionary war. He was educated at the McKendree coll., Lebanon, Ill., and at the termination of his course of studies took the degree of A. M. He began the study of medicine under Drs. W. W. and I. Roman, of Belleville, and attended the universities of St. Louis and of the State of Missouri, graduating finally from both of those institutions. He afterwards attended lectures at the Jefferson coll., Philadelphia, and at the coll. of phys. and surg., New York city. He entered upon practice at Belleville, St. Clair co., Ill., in 1853. He devotes his attention chiefly to surgery. He has been secretary to the St. Clair med. asso., and is member of the southern Ill. med. asso. He was married in 1857 to Virginia A. Bradsby, a former resident of Lebanon, Ill., whose father, Judge Richard Bradsby, was among the first settlers of the State of Illinois.

BEARD, JAMES M. G., Ambia, Ind., son of William Beard, of New Boston, whose father immigrated from Ireland in 1756, and served in the revolutionary war, and of Miss McMillen, daughter of Dr. Hugh McMillen, was born in New Boston, N. H., May 27th, 1844. He was educated at Boscawen acad., N. H., afterwards studied civil engineering, then became school teacher, and still later commenced the study of medicine under Dr. Joseph Jones (and while under his teaching invented an apparatus for compound fracture), and also at the coll. of phys. and surg., Kansas City, Mo., where he graduated in March, 1875, taking the faculty prize. He settled first at Oakwood, Kansas, in 1870, and at Ambia in 1875. He is a member of the Benton co., Ind., med. soc. In 1861 he published an almanac called the "New England Calendar," and in 1862 an almanac for Hillsboro' and Merrimac counties, N. H. In July, 1871, he married Rosetta Small, of Winfield, Kansas.

BAKER, JOSEPH H., Tarboro', N. C., born in Edgecombe co., N. C., Dec. 25th, 1831; received his literary education at the univ. of N. C., and his medical education at the univ. of Pa., graduating from the latter in 1854. He settled at Tarboro' in general practice, but has devoted himself more especially to surgery and obstetrics. He is a member of the State med. soc. of N. C., was elected in 1867, and at the same time their fourth vice-president; he was first vice-president in 1875. He was first ass't surg. of the 1st N. C. vols., and was in charge of the wounded at the battle of Bethel, near Hampton, Va., in June, 1861. He was a member of the State legislature in 1866 and 1867; also a member of the constitutional convention of N. C. in 1868. He is connected with the Pamlico institution and banking company, and with the Tarboro' building and loan association. He has been married twice—the first time to Susan A., daughter of William Foxhall; after her death he married Ida, daughter of Gov. Charles Manly, of Raleigh, N. C.

GRAY, HENRY, Bloomfield, Conn., was born, March 13th, 1825, at Windham, Conn. He studied medicine at the medical institute of Dartmouth coll., N. H., from which he graduated Nov., 1847. His place of first settlement was Mansfield, Tolland co., Conn., whence he removed to Bloomfield, Hartford co., Conn., where he has since resided. He is a member of the State med. soc. of Conn.

DUNLAP, ALEXANDER, Springfield, O., was born in Brown co., O., Jan. 12th, 1815. He is the son of William Dunlap and Mary (Shepherd) Dunlap, both natives of Virginia. His father, a farmer, was one of the pioneers of Ohio, having moved with his parents to Kentucky in 1782, or thereabout, and thence removed in 1796 to the former State, six years before its admission as a State into the Union. His mother's family came from Shepherdstown, of which place its members were probably the founders. He passed the freshman and sophomore years of his college life at the univ. of O., in Athens, and his junior and senior years at the Miami univ., graduating in 1836. He began to study medicine under his brother at Greenfield, Highland co., and attended lectures at the old Cincinnati med. coll., where he graduated in 1839. He associated himself in practice with his brother in Greenfield until 1846, when he removed to Ripley, Brown co., where he was engaged until 1856. Later he moved to Springfield. In 1843 he came into collision with the fraternity by venturing to remove an ovarian tumor. Although this operation had been performed, in a few cases, as early as 1809, with some success, by Ephraim M'Dowell, of Kentucky, it had been denounced by the profession and characterized as unjustifiable butchery, and for more than thirty years had been abandoned as an element of medical and surgical art. In the various publications there was nothing but a brief notice of its failure, and the condemnation of the faculty. Clay, of England, had performed the operation in 1842, and Atlee, of Philadelphia, in the summer of 1843. Two months after Atlee's operation, he, not then having heard of the cases of these two practitioners, and following only the traditional report of M'Dowell's case, ventured, at the earnest solicitation of the patient, who was apprised of the risk, to undertake the operation. Surrounded by a few country physicians, he finally undertook the case, and removed successfully a tumor weighing forty-five pounds. A few weeks later the patient died, and the operation was denounced as altogether unwarrantable on the part of a "country surgeon," while the medical journals refused to report the case. The woman's death had, however, not been the direct result of the operation, and though frowned upon in many quarters, he persevered in his studies and practice until a brilliant success dissipated entirely the clouds of prejudice. To-day, his reputation as an ovariotomist is co-extensive with the circulation of medical literature, while his practice extends throughout the central and western portion of the United States. Down to the present time he has performed one hundred and twelve operations. In seventy-five per cent. of his cases he has met with complete success—a higher estimate than may be awarded to any other American or European ovariotomist, with but a single exception. He has outlived denunciation, and in 1868 received from the faculty of the State of Ohio the compliment of an election to the presidency of the Ohio med. soc. He was twice elected one of the judicial council of the Am. med. asso., from which he resigned in 1877 to accept the vice-presidency. He was elected a fellow of the Am. gynæol. soc. in 1877. He has lately been appointed to a professorship in the Starling med. coll., of Columbus, O. In "Gross's System of Surgery," vol. ii., he is reported, under the heading "Lithotomy," as "having successfully removed a stone weighing twenty ounces," the largest ever removed from a living person. In the volume of Transactions of International Medical Congress, 1876, he is quoted on the subject of "Fibroid Tumors of the Uterus." In volume of Transactions of American Medical Association, 1876, he is quoted on the subject of "Ovariotomy." He was a member of the International med. congress at Philadelphia, in 1876. Among exceptional cases, he has three times removed the underjaw, once ligated the common carotid artery, and once removed the clavicle. He was married, March 27th, 1839, to Maria Elizabeth Bell, of Highland co., O. His son, Charles W. Dunlap, is now associated with him

WOODRUFF, WILLIAM, Thomaston, Conn., was born, July 18th, 1804, at New Haven, Conn. He is the son of Dr. Gideon Woodruff, a graduate of Yale coll., and Sarah Heaton, both descended from the original settlers of Connecticut. He graduated from the med. dep't of Yale coll. in 1826, subsequently attending lectures at the New York coll. of phys. and surg. His first settlement was at Plymouth, Litchfield co., Conn., from which he removed to Thomaston, originally a part of Plymouth. Among his notable cases is that of a man who, in the raising of a building, was caught by the hook of an ox-chain, which entered the trachea below the hyoid bone, fracturing it, and tearing

through the glottis, dislocating several teeth, and breaking the jaw. The power of deglutition, as well as of articulation, being destroyed, life was sustained by the introduction of food into the stomach through a tube inserted in the nasal cavity, until after a few days suppuration took place, the fragments of the hyoid became detached and were removed, and recovery ensued, with a partial return of deglutition and articulation. Of late years he has relieved his professional labors by annual tours abroad or at home. He is a member of the Litchfield co. med. soc., of the State med. soc. of Conn., of the med. soc. of Cal., of the Rocky Mountain med. asso., and of the Am. med. asso. He contributes occasionally to medical journals. He married, in 1838, Martha Thomas, and has two children.

KENYON, JOB, Providence, R. I., of English parentage, was born at Exeter, R. I., July 8th, 1821. He graduated in medicine from Yale coll. in 1846, and commenced practice at Carolina Mills, Richmond, R. I., then removed to Anthony Village, then to Village Coventry, R. I., in 1853, and to Providence in 1864. He is a member of the Franklin soc. of R. I., and of the R. I. med. soc., and has been censor in both, and delegate from the latter to the Am. med. asso. He served for a short time during the war of the rebellion as ass't surg. of the 3d reg. R. I. vols. Was for five years member of the State senate for Coventry, R. I.; one year for Warwick; is at present a member of the board of State charities and corrections, and has been since 1871. He has been married.

DAVIS, WILLIAM BRAMWELL, Cincinnati, O., was born in that city July 22d, 1832. His parents were born and reared in Wales, near Abyrnstwith, and his ancestry were all pure Welsh. His literary education was acquired at Woodward coll., Cincinnati, and Ohio Wesleyan univ., graduating A. B. 1852, A. M. 1855; and he was prepared for a professional career in Miami med. coll., graduating M. D. 1855; and at med. coll. of O., *ad eundem*, 1858. With the exception of a brief period during the progress of the late civil war, and one year and a half spent in Europe, in 1872–73, he has remained in Cincinnati. He is a member of the Cincinnati med. soc., president of that body in 1877–78; of the acad. of med., Cincinnati; of the Am. med. asso.; and of the Ohio State med. soc. Since 1873 he has been prof. of materia medica and therapeutics in Miami med. coll., Cincinnati; is medical director of the Union Central life insurance company, Cincinnati; trustee of Cincinnati hosp.; director of public library, Cincinnati; a member of the board of education, Cincinnati, and a director of the univ. of Cincinnati. During the war of the rebellion he was surg. 137th reg. Ohio vol. infantry, and was surgeon also at the West End military hosp., Cincinnati. His contributions to medical literature, papers published in the proceedings of societies, or in medical journals, consist of "Carbolic Acid: its Surgical and Therapeutical Uses," paper, Cincinnati acad. of med., June, 1869; "Report on Vaccination," to Ohio State med. soc., June, 1870; "Influence of Consumption on Life Insurance," Ohio State med. soc., June, 1875; "Observations on Re-Vaccination," Cincinnati med. soc., Dec., 1875; "History of the Medical Profession of Cincinnati for Twenty-Five Years," valedictory address, Miami med. coll., March, 1876; and "Vaccino-Syphilis and Animal Vaccine," Ohio State med. soc., June, 1876. He was married, in April, 1860, to Fanny R. Clark, daughter of the late Bishop D. W. Clark, M. E. Church, by whom he has had two sons.

MARTIN, ENOS JAMES, Watsonville, Cal., of Irish and German ancestry, was born, March 13th, 1821, at Louisville, Ky. He was educated in Kentucky and Ohio, and graduated from the Ohio med. coll. in 1843, and from the eclectic med. institute, at Cincinnati, Jan. 23d, 1877. He settled, 1843, at Indianapolis, Ind., where he remained four years, at the end of which he went to Brazil, Clay co., Ind., remaining there two years, and then removing to Waverly, Ind., fourteen miles below Indianapolis, whence, in 1852, he went to California, settling first in Santa Rosa, Sonoma co., next in Ukiah City, Mendocino co., then in Castroville, Monterey co., and finally in Watsonville, Santa Cruz co. In the course of his practice he has amputated legs and arms to the number of forty-three; trephined the skulls of seven persons, of whom five died; performed craniotomy nine times, without the loss of a patient, etc. He is a member of the State med. soc. of Cal. since its organization, 1870. He was county phys. in Mendocino co., and also in Monterey co.; and has been exam. phys. for three or four life insurance companies. He has married three times, the last time in Sept., 1866, and has five children, all by his third wife.

HAMILTON, JOSEPH ORMOND, Jerseyville, Ill., was born in New Design, Monroe co., Ill., April 2d, 1824. In 1850 he graduated at the med. dep't of the univ. of Mo., and began practice in Grafton, Jersey co., Ill. He removed, May 1st, 1851, to Jerseyville. He is a member of the Ill. State

med. soc., and in 1871 was elected its president; also of the Am. med. asso. In 1864 he was appointed examining surg. for the pension office. He is the inventor of the improved obstetrical bandage. Some of his medical and scientific essays have been incorporated in the Transactions of the Am. med. asso. He was married, May 1st, 1851, to Margaret Perry.

COATES, BENJAMIN HORNER, Philadelphia, was born in that city, Nov. 14th, 1797. He was the son of Samuel Henry Coates. His grandfather, Samuel Coates, was well known as one of the early members of the Society of Friends of Pennsylvania. He was thoroughly educated in the classics at Friends' schools, and in medicine at univ. of Pa., from which institution he received the degree of M. D. in 1818. During a part of this time he was a resident pupil in the Pa. hosp. His first location, at Front and Walnut streets, Philadelphia, is a curious commentary upon the nature of that locality in those days, when we find it at present wholly given over to the wholesale commission merchants, and scarcely a family of any consequence residing within many blocks. He finally removed to Seventh and Spruce, where he now resides. He was for five years a resident in the Pa. hosp. He was formerly a member of the old Philadelphia med. soc., now defunct, and of the Am. med. asso. He is a fellow of the coll. of phys., elected in May, 1827; a member of the Philadelphia co. med. soc. since April, 1849; president in 1859 (his retiring address was entitled "The Events of the Year"); a permanent member of the Pa. State med. soc. since 1864, and a member since its organization; and of the Am. philosophical soc., its senior vice-president. His contributions to medical literature have been numerous and valuable, though recently his advanced age has almost entirely prevented such work. He was one of the founders of the *North American Medical Journal*, published from 1826 to 1831. Among his contributions to the profession may be mentioned the "Report of the Committee on Epidemic Cholera" to the Philadelphia coll. of phys., April, 1832; "Oration on Certainty in Medicine," before the Philadelphia med. soc., Feb. 10th, 1830; "Remarks before the same on the Present State of Evidence in regard to the Larva of the Hessian Fly," April 4th, 1841; "The Effects of Secluded and Gloomy Imprisonment on the African Variety of Mankind," May 24th, 1843; "The True Cause of Absorption a Study," along with Drs. Laurance and Harlan, Dr. Coates being reporter, 1821–22; on a "Machine Bed for Fractures;" "Gangrene of the Mouth with Children;" on "Delirium Tremens;" on "The Origin of the American Indian Races;" "A Memoir of Thomas Say, the Naturalist;" "A Description of a Hydrostatic Balance Dispensing with Calculations." He was lecturer on practice of medicine in the Philadelphia school of med.; lecturer on physic and practice of medicine, and on bandages. He gave clinical courses on medicine in the Pa. hosp. from 1828 to 1841. As a member of the Society of Friends, he has been a consistent and earnest follower of their peculiar tenets. He never married.

ROBERTSON, ELISHA BRYANT, San Andreas, Cal., of Scotch-Dutch extraction, was born, Oct. 22d, 1826, in Sumner co., Tenn. He studied medicine in the univ. of the Pacific, from which he graduated March 18th, 1864. He first settled at Mokelumne Hill, moved to Copperopolis, Calaveras co., Cal., then removed to San Andreas in the same county, where he now resides. He has performed lithotomy three times by three methods, each time successfully, and also trephining, as well as operated for cataract. He is a member of the San Francisco med. soc., and of the Cal. State med. soc., to the proceedings of which he has contributed papers on "Stone," "Stricture," and other medical subjects. He has also written for the *Pacific Journal*, and other medical periodicals. He married, Jan. 1st, 1876, Mrs. Lucy Coats, residing at the time in Copperopolis.

KEMPSTER, WALTER, Oshkosh, Wis., of English descent, was born May 25th, 1841. Each generation of his family, for the past two hundred years, has produced a physician. He was educated in Syracuse, N. Y., at the common schools and high schools, and by private tutors, studying his profession at the Long Island med. coll., Brooklyn, N. Y., from which he graduated June 30th, 1864. From April, 1861, to July, 1865, he was in the Federal army, with the exception of six months, during which he absented himself for the purpose of taking his degree in medicine. At the close of the war he settled first in Syracuse, N. Y., next in Utica, N. Y., and finally in Oshkosh, Wis. His most notable case is that of the excision of three inches of the tibia, with recovery, reported in *American Journal of Medical Science*. He makes a specialty of nervous diseases. He is a member of the Winnebago co. med. soc., of which he has been president; of the Wis. State med. soc., of which he has been vice-president; of the N. Y. State med.

soc.; of the Am. med. asso., in which he is chairman of the section on psychology, medical jurisprudence, and chemistry; of the asso. of superintendents of Am. institutions for the insane; of the U. S. asso. for the advancement of sanitary science; and of the Wis. State historical soc. His literary contributions to medicine comprise articles in the *American Journal of Insanity*, of which he was for five years associate editor; papers on the "Microscopy of the Brain," in the Transactions of the International med. congress in 1876, as also in the Transactions of the Wis. State med. soc.; and "Reports of the Northern (Wis.) Hospital for the Insane." For more than ten years he has been engaged in the study of the microscopic pathology of the brain, on which subject he has written several papers, besides taking a large number of photo-micrographs of brain tissue, normal and abnormal, a work in which he was the first in this country to engage. In 1866 he was ass't superintendent of the New York asylum for idiots, at Syracuse, N. Y.; from 1867 to 1873 ass't phys. of the N. Y. State lunatic asylum; and from 1873 to the present time he has been superintendent of the northern (Wis.) hosp. for the insane at Oshkosh. He went into the civil war as a private soldier, in company H, of the 12th New York infantry; became hosp. steward of the 10th New York cavalry; was detached and placed on duty in the U. S. general hosp. at Patterson park, Baltimore, Md.; made first lieutenant of company D, in the 10th New York cavalry, participating in the various battles of the Potomac army, including that of Gettysburg; and in 1864 and 1865 served as acting ass't surg. of the U. S. army. He has taken an active part in enterprises designed to ameliorate the condition of the insane in jails and poor-houses. He married the eldest daughter of Thomas Baynes, of Baltimore, Md.

WEST, MAXIMILIAN, Camden, N. J., was born, Feb. 10th, 1841, in South Lincolnshire, England. His father, a builder, in comfortable circumstances, emigrated to this country in 1845. He was educated in the public schools of Camden, N. J., and studied medicine at the univ. of Pa., from which he graduated, March 12th, 1875, settling in Camden, N. J. In 1858 he was apprenticed to a druggist, and in 1860 became the proprietor, continuing in the business to the present time, with the exception of an interval of about three years. He is a member of the Camden district med. soc., and of the Camden city med. soc., of which he was president from 1876 to 1877. In 1876 he was chosen a member of the board of education of Camden for a term of two years. He married, March 9th, 1875, Henrietta Johns, of Harrisburg, Pa.

JOHNSON, LEMUEL RIDDICK, Cambridge City, Ind., of Dutch and Scotch ancestry, son of Dr. Nathan Johnson, of Virginia, and Sarah (Hoge) Johnson, born in Belmont, Belmont co., O., Jan. 28th, 1824, received his literary education in Belmont co., and acad. of Cambridge City, Ind., and graduated in medicine from the Starling med. coll., Columbus, O., in February, 1850. He commenced practice as an undergraduate with Prof. Samuel M. Smith, of Columbus, in April, 1851, settled at Cincinnati in 1852; removed to Wayne co., West Va. (where the town of Ceredo now is); and in May, 1855, located himself at Cambridge City in practice with his father. He is a member of the Wayne co., Ind., med. soc.; of the Ind. State med. soc.; of the Cincinnati medico-chirurg. soc.; and Cincinnati med. soc., elected to the last two in 1851–52; and of the Cambridge City med. soc., of which he is now secretary. He is the author of paper on "Moral Insanity and its Legal Relations" (based upon the case, Nancy Farrar, under sentence of death for poisoning), read before the Cincinnati med. soc., and published in the *American Psychological Journal* of Cincinnati, January, 1853; "Thoughts on Asiatic Cholera, its Mode of Propagation and Proper Treatment," Transactions of Ind. State med. soc. for 1853. He was postmaster of Cambridge City from March, 1869, to December, 1875. He held the position of additional ass't surg. 2d Ind. cavalry for a brief period during the war of the rebellion. He was for five years a member of the school board of Cambridge City, and during his term of office a large school-house was built, and a graded free school established.

WHITNEY, JAMES D., San Francisco, Cal., was born, Dec. 23d, 1840, in Macombe co., Mich. He studied his profession in the med. dep't of the univ. of the Pacific, pursuing his studies at the school of medicine in Paris, France, and at the hospitals of that city and London, graduating March 15th, 1863. His first settlement was in San Francisco, where he still resides. He has been engaged mostly in general practice. He is a member of the Am. med. asso., and of the San Francisco med. soc., of which he has been librarian three years; and member of the board of censors four years. His literary contributions to medicine have consisted in reports of cases in hospitals, and private practice. For twelve years he has been surg. of

the 1st reg. of infantry in the national guards of California. From March 1st, 1874, to March 1st, 1877, he was visiting phys. to St. Mary's hosp. in San Francisco; from 1865 to 1869 examining phys. of the Northwestern life insurance co.; and since Sept. 20th, 1877, examining phys. of the Pacific mutual life insurance co. of California. He married April 24th, 1872.

BALDWIN, WILLIAM OWEN, Montgomery, Ala., son of William Baldwin and Celia (Fitzpatrick) Baldwin, sister of U. S. senator Benjamin Fitzpatrick, formerly governor of Alabama, was born in Montgomery co., Ala., Aug. 9th, 1818. He studied medicine in the office of Dr. McLeod, of Montgomery, and at Transylvania univ., Lexington, Ky., and graduated M. D. in 1837, when not yet nineteen years of age. He settled in Montgomery until 1848, in professional partnership with Dr. William M. Boling of that place. He is associate fellow of the coll. of physicians of Philadelphia, etc., etc.; member and president of the med. asso. of the State of Alabama; member of the American med. asso., and was president of the latter in 1869, etc. He is the author of "Remarks on Mustard Poultices Applied Extensively to the Surface," *Western Journal of Medicine and Surgery*, 1848; "Remarks on Trismus Nascentium and its Identity with Traumatic Tetanus in the Adult," *American Journal of Medical Sciences*, Oct., 1846; "Observations on the Poisonous Properties of Sulphate of Quinine," *ibid.*, April, 1847; "Physic and Physicians," before the med. asso. of Georgia, 1849; "Observations on Spotted Fever," *American Journal of Medical Sciences*, Oct., 1866; "Glanders in the Human Subject," *Richmond and Louisville Medical Journal*, Nov., 1868; president's address before the American med. asso., association's transactions, 1869; "Irrigations of Ice Water as a Means of Arresting Hemorrhage in Cases of Placenta Prævia," *Richmond and Louisville Medical Journal*, April, 1872, etc. In Dec., 1843, he married Mary Jane, daughter of Judge Abram Martin.

SENDERLING, PHILIP MAYER, Jersey City, N. J., son of Rev. J. Z. Senderling, D. D., of Johnston, Fulton co., N. Y., grandson on his mother's side of Rev. John Molther, of Nazareth and Bethlehem, Pa.; born in Brunswick, Rensselaer co., N. Y., March 19th, 1831; educated at Lansingburg acad. and at Kinderhook acad., N. Y., also at Williams coll., Mass., from which he received A. B. in 1852 and A. M. in 1854; studied medicine at the univ. of Pa., and graduated M. D. in 1856. He passed the first year after graduating at the Fifth street, Philadelphia, dispensary, as assistant resident physician, and in 1857 commenced practice in Jersey City, where he remained till 1862. He then entered the army. In 1865 he located at Greensville, Luzerne co., Pa.; in 1867 he removed to Berwick, Columbia co., Pa., and in 1877 returned to Jersey City. He was commissioned ass't surg. of 1st N. J. vols., Feb., 1862, surgeon of 8th N. J. vols. in May, 1864, and was afterwards surgeon-in-chief of 3d division provisional corps. From 1871 to 1877 he was examining surgeon for U. S. pensions at Berwick. In June, 1861, he married Charity E. Edsall, of Jersey City.

ROTHROCK, ROSWELL, Bannerville, Snyder co., Pa., whose father was also a physician, was born in Adamsburg (Union now), Snyder co., Oct. 14th, 1831. He was educated at Mifflinburg acad., and studied medicine under his father, and also at the Jefferson med. coll., whence he graduated M. D. in the spring of 1854. He commenced practice in a village in Clarion co., Pa.; subsequently removed to Beaverstown, Snyder co.; returned to Clarion co. in 1860, and in 1861 entered the army. He is a member of the Snyder co. med. soc., and is its president. He entered the army as private of 78th reg. Pa. vols., at the beginning of the war. After the battle of Stone River he and another volunteer physician established a regimental hospital, of which he was placed in charge. Subsequently, after crossing the Tennessee river, he and eleven sick of his regiment were left with orders to report on recovery. He was taken prisoner in Sept., 1863, and removed to Ringgold, then to Atlanta, then to Richmond, and put into Libby prison: afterwards removed to Belle Isle, and finally to Andersonville, where he was permitted to establish a so-called hospital, and attend the wants of the Union sick; but by reason of the fewness and scarcity of proper remedies, 6,700 died during July and Aug., 1863.

OWENS, JOHN E., Chicago, Ill., son of John and Martha J. (Black) Owens, was born in Cecil co., Md., on Oct. 14th, 1838. He received his general education at the schools near home and in Baltimore. In the year 1858 he commenced the study of medicine with Drs. J. and Thomas D. Dunott, in Elkton, Md., remaining with them about two years. In 1860 he entered the Jefferson med. coll., graduating in the spring of 1862, after which he received an appointment in

Blockley hosp. for one year. During the spring of 1863 he moved to Chicago, and until 1864 acted as surg. in the military hosp., when he began a general practice, confining himself principally to surgery. For the past six years he has been engaged as surgeon for the Illinois central railroad, and is at present attending surg. to St. Luke's hosp., of Chicago. In the fall of 1872 he was elected to lecture on surgery in Rush med. coll., of Chicago, during the spring course, having formerly lectured in the same course on the diseases of the urinary organs. He is a member of State med. soc., and Am. med. asso., and secretary of its surgical section in 1877. He was married in 1869 to Sophia Jamor, of Maryland.

YOUNG, J. GILBERT, Philadelphia, Pa., son of the Rev. R. F. Young and M. A. (Gilbert) Young, was born, June 21st, 1840, at Chestnut Hill, Philadelphia co., Pa. He was educated at the Central high school of Philadelphia, from which he graduated in 1859, at the head of a class of thirty-eight, receiving the degree of A. M. in 1864, and pursued his professional studies at the univ. of Pa., graduating in 1862. He began the practice in Camden, N. J., whence he removed to Gloucester City, and thence to Haddonfield, where he remained till Oct. 1st, 1866, when he settled in Philadelphia. His notable cases include one of rupture of the uterus. He has given special attention to malarious diseases, and originated the technical phrase, "*Sulphas Americani Australis*" as a synonym for *quinia* in prejudiced cases. He is a member of the Camden co. med. soc., of which he was president in 1863; and of the N. J. State med. soc. He has published among other papers one on the "Hygiene of School-rooms," and one entitled, "A Ready Method for Ascertaining the Amount of C O 2 in a Given Atmosphere." For many years he has been one of the physicians of the Pa. widows' asylum. He married, May 1st, 1872, Florence Albertson, of Philadelphia.

WRIGHT, MARMADUKE BURR, Cincinnati, O., was born in Pemberton, Burlington co., N. J., Nov. 10th, 1803. His preliminary education was received at Trenton acad., and his medical education under Dr. McKelwey, and at the univ. of Pa., whence he graduated M. D. in 1823, when only nineteen years of age. He settled in Columbus, O., to which place his father had previously removed, and remained there until 1836, when he removed to Cincinnati. His specialty is obstetrics and gynæcology. He is a member of the Am. med. asso., of the Ohio State med. soc., and of the Cincinnati med. soc., and has been president of the last two; honorary member of the Am. gynæcol. asso., of the Cincinnati obstet. soc., and acad. of med. He has contributed largely to medical literature, his leading article being upon "A New Method of Treating Shoulder Presentations," for which a gold medal was awarded him by the Ohio State med. soc. He read a paper "On Pigmentation: a Rare Disease among Infants," before the Am. med. asso., Transactions, 1874. In 1836 he was elected prof. of materia medica in the med. coll. of Ohio at Cincinnati, a position he held nearly thirty years; for the same period was a lecturer on obstet. and gynæcol.; was also lecturer in the Cincinnati (then Commercial) hosp., and is now trustee of the Ohio med. coll., and emeritus prof. of obstet. and consulting obstetrician of the hosp. He was a member of the legislature in 1832; was health officer of Cincinnati in 1862. In 1852 he visited the hospitals in Europe, and was one of the first in the west to use chloroform in parturient cases. In 1835 he married Mary L., daughter of Col. P. H. Olmstead, of Columbus, O.

RAGLAND, ANDREW McFERRIN, San Augustine, Texas, son of Rev. Evan L. Ragland and Cicele L. (Gallagher) Ragland, of Welsh ancestry, born in Dresden, Tenn., Aug. 15th, 1845, studied medicine under Dr. William Ragland, and at the Missouri med. coll. at St. Louis; graduated in March, 1869, and settled first at Shelbyville, Texas, and afterwards at Pilot Point, in general practice, but making a specialty of the diseases of women and children. He is the author of "Veratrum Viride in Dysentery," *Medical Archives*, vol. iv., p. 279; "Clinical Notes," *ibid.*, vol. v., p. 354; "Pneumonia: its Treatment, with Illustrative Cases," *ibid.*; "Bromide of Potassium in Puerperal Convulsions," *ibid.*, vol. viii., p. 398; "Bromide of Potassium: its Therapeutical Uses," *New Orleans Medical and Surgical Journal*, vol. i., p. 812, N. S.; "Dysentery: its Treatment," *Virginia Medical Monthly*, vol. iii., p. 483; "A Case of Poisoning by Strychnine Treated with Bromide of Potassium and Hydrate of Chloral," *ibid.*, vol. iv., p. 579. In Jan., 1870, he married Margaret J. McClelan.

STARR, LUCIUS ERNEST, Tionus, Ala., of English and German extraction, was born at Madison, Morgan co., Ga., March 21st, 1838. He was educated at the Summerfield high school, Dallas co., Ala., and attended medical lectures at the Atlanta med. coll., and the Ala. med. coll. in Mobile,

graduating March 14th, 1861. He is a member of the Ala. med. asso., as also of its house of counsellors, and of the Bibb co. med. asso., in which he is one of the board of censors. He has contributed a few short articles to medical journals, and read a paper on "Lightning Stroke" before the State med. asso. at the session of 1877. In the civil war he entered the Confederate army as a private early in the struggle, but received a compound fracture of the femur at its middle third, near Barboursville, Ky., Aug. 22d, 1862, which permanently disabled him, though he has finally recovered, with a tolerably useful limb, partial anchylosis of the knee-joint, and a shortening of two inches—a remarkable recovery, considering the extent and nature of the injury.

LANGAN, DANIEL, De Witt, Iowa, was born in Ireland on March 10th, 1837. He received his literary education in Europe, and studied medicine at the univ. of Mich., and at the med. dep't of the univ. of Iowa, at Keokuk, whence he graduated M. D. in 1863. He settled in De Witt. He is a member of the Clinton co. med. soc., has been its president and vice-president, and is now its censor and librarian; of the Iowa State med. asso., and of the Am. med. asso. He has read several papers on medical subjects before the Clinton co. med. soc. He served as first lieutenant in the 1st Del. reg., company I, three months' men, at the beginning of the rebellion. He has held several offices of trust in the city, and is at present one of the members of the school board. He invented and put in practice a valuable addition to the dental splint for fracture of the lower maxillary, for which he was eulogized in the Clinton co. med. soc. In September, 1865, he married Ellen Purcell, daughter of the late Thomas Purcell, Esq., of Clinton co., Iowa.

LINCOLN, WILLIAM LEAVITT, Wabasha, Minn., of Puritanical stock; born in West Townsend, Middlesex co., Mass.; was educated at the district schools, New Ipswich acad., and Harvard univ., and graduated from the latter M. D. in 1850. From 1854 to 1857 he was ass't phys. at the State hosp. for insane at Winchendon, Mass., and since 1867 has been located at Wabasha, Wabasha co. In 1861 he was elected a member of the Mass. State med. soc.; he is also a member of the Minn. State med. soc., and was its vice-president in 1872; of the Wabasha co. med. soc., and was its president in 1870. He is the author of papers on obstetrics, etc., read before the societies of which he was a member. He has held various civic positions, such as school trustee, alderman, mayor, etc. He was married (a second time) in 1861.

MCCLEERY, JAMES P., Milton, Pa., son of Dr. William McCleery, was born in Milton, Pa., Nov. 12th, 1832. Educated at Milton acad., he studied medicine at Jefferson med. coll., and graduated M. D. in 1857. He settled in Milton; is a member of the Northumberland co. med. asso., and was its vice-president in 1877. He was ass't surg. and afterwards surg. of the 56th Pa. vols. during the war of the rebellion. In June, 1870 he married Margaret S. McCormick.

METCALFE, THOMAS N., Del Norte, Col., born in Louisville, Ky., Nov. 12th, 1839, was educated in Louisville, Ky.; studied medicine at the Jefferson med. coll., Philadelphia, and graduated in March, 1865. He settled first in Caseyville, Ky., and afterwards, by reason of impaired health, removed to Oakland, Cal. He has belonged to all the medical societies, both county and State, in the places where he has lived. Was appointed by the Governor of Colorado on the territorial board of health, and also, in 1876, to prepare a report on the climate and atmosphere of Colorado.

FESSENDEN, CHARLES S. D., Portland, Me., great-grandson of Rev. William Fessenden, grandson of Rev. William Fessenden, and son of Samuel Fessenden, a lawyer; born in Portland, Feb. 23d, 1828; graduated from Bowdoin coll. in 1848, and from the med. school of Maine in 1851, and settled in Portland. He is a member of the Am. med. asso., and of the Me. med. asso.; also of the Athenæum soc. of Bowdoin coll. He was city phys. of Portland three years, and surgeon U. S. marine service sixteen years.

BENNETT, JOSIAH HIBBARD, Wauseon, O., was born, July 12th, 1826, in Allegany co., N. Y., of American parentage and of Welsh and French ancestry. He was principally educated at Temple Hill seminary, at Geneseo; emigrating to Ohio in 1846, he commenced the study of medicine under the tuition of Dr. William C. Porter, and subsequently finished his course of study at the Starling med. coll., in Columbus, in the winter of 1849–50. He began practice at Evansport, Defiance co., and was one of the pioneer physicians of that section. He remained there thirteen years, and in 1863 re-

moved to Wauseon, in Fulton co. In 1869 he was appointed surgeon for the air line of the Lake Shore & Michigan Southern railroad company, upon the special recommendation of Hon. M. R. Waite, the present chief-justice of the U. S. supreme court. He is a member of the Fulton co. med. soc., and of the Am. med. asso. He was married, Sept. 4th, 1850, to Tryphena Denman, of Defiance co., O.

LUCAS, GEORGE LEE, Peoria, Ill., was born in Lawrence, Stack co., May 9th, 1823. His grandfather, Isaac Lucas, was a revolutionary soldier, and served throughout the war of independence; his discharge, signed by General Washington at the close of the struggle, is still in the possession of the family. George attended the common school in the vicinity, and also the academy, working at intervals on a farm. He subsequently studied medicine in the same county, and in 1852 graduated from the Jefferson med. coll. Before graduating, however, he practised his profession for six years in Pennsylvania, and after, in 1852, moved to Bourbon co., Ky., where he was professionally occupied for five years. In 1857 he removed to Brimfield, Peoria co., Ill. In 1861 he was commissioned surg. of the 47th reg. Ill. vols., and eighteen months later was chosen surgeon-in-chief of the 3d division of the 15th army corps, afterward the 1st division of the 16th army corps. In this capacity he served until the latter part of 1864, when he received a sunstroke, and being relieved from field duty, was placed in charge of the hospital at Rome, Ga. After the lapse of a brief period he returned to his practice in Peoria. He officiated as president of the town council in Brimfield, and in Peoria has been a member of the board of supervisors. He was also a member of the committee which established the Peoria co. normal school, the first county normal school established in the United States. He is a member of the Peoria city med. asso., of the Ill. State med. asso., and the Am. med. asso. He was married in Wade co., Pa., Oct. 14th, 1846, to Hannah L. Ringland, of that county. He has four children living, one daughter and three sons. B. C. K. Lucas, the oldest son, graduated from the Long Island med. coll., June 24th, 1875, receiving, in obstetrics, the highest honors of his class.

WINSTON, GUSTAVUS STORRS, New York, born in New York, Feb. 15th, 1834; educated in a private school and at Columbia coll., in that city; studied medicine at the coll. of phys. and surg., and graduating in March, 1863, settled in New York, making a specialty of diseases of women and children. He is a member of the Medical Journal asso.; of the New York acad. of med.; county med. soc., and State med. soc., and permanent member of the Am. med. asso.; also member of the New York obstet. soc., of which he has been treasurer for five years, etc., etc., etc. He is attendant phys. to the woman's hosp.; to the Demilt dispensary; to the dep't of out-door poor; to the New York hosp., out-patient dep't. He entered the Union army in 1861, and was taken prisoner at the first battle of Bull Run, in July of that year. Afterward he was stationed in Central Park army hosp. during 1862, 1863, and 1864. He left the army in 1865. He is med. superintendent of the Mutual life insurance company of New York. His most valuable contributions to medical literature have been given to the public in this connection. He is one of the authors of the "Preliminary Report of the Mortality Experience of the Mutual Life Insurance Company of New York, from 1843 to 1874." This report, in connection with that of the actuary, was published in one volume, quarto, by order of the board of trustees, and reached a second edition in 1877. Also, of "Mortuary Experience of the Mutual Life Insurance Company of New York, with Tabulated Reports and an Analysis of the Causes of Death," 2 vols., 8vo., published by order of the board of trustees in 1877. The facts in these compilations are drawn from a very wide range of medical observation, and are so analyzed and classified as, in the opinion of one of the most distinguished American actuaries, "to add largely to our knowledge of the laws by which hereditary and other diseases affect the duration of human life."

LAMME, WILLIAM HILL, Centreville, Montgomery co., O.; born in the vicinity of Dayton, in that county, July 26th, 1826; was educated at the academy in the neighborhood of his native place; studied medicine at the Jefferson med. coll., Philadelphia, and graduated M. D. from that institution in 1850. He practised first in Centreville, then in Dayton, then in Xenia, and returned to Centreville in 1874. Among the operations which he has performed is one for scirrhus of the mammary gland three times, the most recent case being of twelve years' growth and weighing nine pounds. Since the performance of a second operation, in 1876, upon the same patient, after a lapse of two years, there has been no apparent return. He is a member, and has been president, of the Montgomery co. med. soc., of the Ohio

State med. soc., and of the Am. med. asso., and has contributed some articles to the literature of his profession. He was surgeon of the 81st Ohio vol. infantry during 1862, and also served in special service in Virginia. He was med. examiner for Montgomery co. until that office was repealed in 1865. In December, 1851, he married Anna G. Maxwell, of Centreville.

MATTHEWS, JOHN PITT, Carlinsville, Ill., was born in Hereford, England, in 1835, and came with his parents to the United States in 1844. He received his education at Allegheny coll., Meadville, Pa. In 1861 he matriculated in the Mich. univ., at Keokuk, and after completing one course, entered the U. S. army in 1862 as ass't surg. of the 122d reg. Ill. vols. He was compelled to retire from the service at the expiration of one year on account of ill health, and upon his return from the field he attended a full medical course at the Long Island hosp. coll., from which he received his degree of M. D. He commenced practice at Carlinsville in 1865. He is a member of the State med. soc., and has been president of the Macoupin co. med. asso. He was married, Sept. 13th, 1865, to Elizabeth, daughter of Governor John A. Palmer, of Illinois.

DE FOE, AUGUSTUS, McLeansboro', Ill., was born in St. Eustache, Canada, Jan. 18th, 1824. He is of French extraction. His parents were Augustin De Foe and Margueritta De Foe. He received his education in the schools of his native city. For two years after leaving school he was employed as foreman in a hat establishment in Newark, N. J. He then moved to Louisville, Ky., and thence to Evansville. After a mercantile career of some years he began the study of medicine under Prof. Weaver, and later under the supervision of Prof. William H. Byford, then of Evansville. In 1852 he graduated from the Evansville med. coll., and at once began practice at Owensville, Ind. In 1853 he removed to McLeansboro'. In 1862 he entered the army as chaplain of the 6th reg. of Ill. cavalry, serving actively until 1865. During the whole of that time he acted in the double capacity of ass't surg. and chaplain, and was with his command at the battles of Coldwater and Ripley, at the two engagements on the Tallahatchie river, at Memphis when Forrest made his notable raid, at Nashville, and at various other minor skirmishes and conflicts. After the close of the rebellion he returned home and resumed practice. In 1868–69 he attended a course at the Louisville med. univ., finally graduating from that institution. He is a member of the med. soc. of Hamilton co., also of the Southern Ill. med. soc., and was the first president of both societies. He has been married three times—to Estelle Sloan, of Boston, who died three years after marriage; to Mrs. Harriet Needham, of New Albany, who died in 1870, after twenty years of wedded life; and in 1871 to Hattie Coney, of Indiana, who is still living.

POND, JAMES OTIS, New York, son of Elijah Pond, fourth in descent from Daniel Pond, who emigrated from England to Dedham, Mass., in 1662, was born in Grafton, Mass., Aug. 21st, 1790; was educated at Morris acad., Litchfield, Conn., and Yale coll.; studied medicine in the med. dep't of this institution, from which he received the honorary degree of M. D. in 1827, and settled first in Granby, Conn., and afterwards in New York, in 1827. He is a member of the New York acad. of med., and was its treasurer for twenty-nine years; also of the New York med. asso., and has been twice its president. He is the author of "A Case of Scarlatina Complicated with Purpura," *New York Medical Gazette*, March, 1842. In 1825 he was member for Granby in the Connecticut legislature, and for several years surgeon of the 17th reg. Conn. State militia. For fifteen years he was trustee of the Atlantic savings bank of New York city. He married Pluma, daughter of Daniel Merrill, Esq., of Canton, Conn.

SENN, NICHOLAS, Milwaukee, Wis.; born in Canton St. Gaul, Switzerland, Oct. 31st, 1844; immigrated to this country with his parents in 1852; settled in Washington, Wis.; received a grammar school education at Fond du Lac., Wis., and after teaching school for two years, began the study of medicine with Dr. E. Munk, in Fond du Lac, in 1844. He studied also in the Chicago med. coll. in 1866, and graduated in the spring of 1868. After serving for eighteen months as resident phys. to Cook co. hosp., he commenced the practice of medicine in Ashford, Wis., and removed to Milwaukee in 1874. His specialty is surgery. He is a member of the Am. med. asso., of the Wis. State med. soc., of the Rock River med. soc., and of the Milwaukee city med. soc., and has been vice-president of the State soc., and president of the Rock River and Milwaukee city med. socs. His thesis, for which he received the first prize, was the "Modus Operandi and Therapeutic Uses of Digitalis Purpura." He was county phys.

for one year, and is now attending phys. to Milwaukee hosp. In February, 1869, he married Aurelia S. Muehlhauser.

WYKOFF, RICHARD MORRIS, Brooklyn, N. Y., graduated A. B. from Amherst coll. in 1859, and M. D. from Bellevue hosp. med. coll. in 1864. During the last year he was house surg. at Bellevue hosp., afterwards settling in Brooklyn. He is a member of the Kings co. med. soc., and was its secretary from 1870 to 1878; also a member of the medico-historical soc. of New York. He is the author of "Kings County in 1776—a Medical Sketch," Proceedings of med. soc. Kings co., vol. i., p. 156; "Adirondacks and the Hay Fever," *ibid.*, 1877, p. 172, *et seq.*; "Early Medicine in New York—a Centennial Contribution," Transactions of the N. Y. State med. soc. He was attending phys. to St. Peter's hosp., Brooklyn, in 1876.

PEARMAN, JOHN T., Champaign, Ill., was born in Hardin co., Ky., in 1829. He is the son of John Pearman and Sarah (Lyons) Pearman. He was educated in the schools located in the neighborhood of his home. In 1851 he commenced the study of medicine under Dr. Thomas Smith, in Edgar co., Ill.; in 1853 matriculated at the Rush med. coll., and graduated in 1858. He began practice, however, in the spring of 1854, at Elbridge, Edgar co., Ill., where he remained until 1863. He also attended, in 1860, a course at the Ohio med. coll. In 1863 he established himself in Champaign. During the progress of the civil war he was in service for about four months as surgeon of the 15th reg. of Ind. infantry, stationed at Nashville. He is a member of the Am. med. asso., and of the Ill. State med. asso. He was married in 1855 to Elizabeth Elliott, of Edgar co., Ill.

BUTLER, LUCIUS CASTLE, Essex, Vt., son of Bille B. Butler and Sarah C. Butler, whose ancestors were Puritan stock and among the first settlers in Hartford, was born in Essex, Chittenden co., Vt., where his grandparents from Connecticut settled after the declaration of peace in 1783, on March 17th, 1820. He went through a college course at Bradford acad., Bradford, Vt., and began the study of medicine with Dr. Leonard Marsh, of Burlington, Vt.; attended medical lectures in 1842 at Dartmouth med. coll., Hanover, N. H., and in 1843 at Vt. med. coll., Woodstock, and graduated from the latter M. D. in June, 1843. He also received the honorary degree of M. D. from Dartmouth coll. in 1875. He commenced practice at Clintonville, N. Y., in association with a physician of that place. Here he remained some years, and then, from ill health and other causes, ceased practising for some time, when he returned to Essex and resumed his professional duties. His practice is general, but he has given special attention to typhoid fevers, lung diseases, and sanitary and hygienic matters—the latter with special reference to the causes and prevention of disease. He is a permanent member of the Am. med. asso.; member of the Vt. State med. soc.; of the Chittenden co. med. soc.; and honorary member of the Franklin co. med. soc.; was president from 1873 to 1876, and secretary from 1865 to 1873 of the State soc.; has been president and secretary of the Chittenden co. soc., etc., etc. He is the author of a monograph on "The Physiological Properties and Therapeutic Action of Veratrum Viride," 1865; "Decadence of the American Race—the Cause and Remedy," 1867; "Cerebro-Spinal Meningitis," 1868; "New Remedial Agents," 1869; "Intoxication by Alcohol; its Medical, Social, and Civil Aspects; Duty of Physicians," 1869; "Prevention of Disease," 1876–77; "Registration Reports," 1870–76; "Infantile Mortality," 1877; reports of cases in *Boston Medical and Surgical Journal*, and *Medical and Surgical Reporter*, Philadelphia. He also, in 1861, became associate and supervising editor of the last-named periodical—a position he held for two years, besides writing nearly all the editorials, reporting clinics of the various Philadelphia hospitals for its columns. In addition to the above, he has contributed to the unprofessional press various articles on hygiene. He was county commissioner for Chittenden co. for two years, justice of the peace for several years, and town superintendent of the public schools. Has been trustee of the Essex classical institute for twenty-five years and president one year. In May, 1845, he married Hannah Drury Page, of Essex. His daughter is the wife of Dr. F. C. Granger, a graduate of the univ. of Vt., now practising at Randolph, Mass.

BOUGHTON, DARIUS F., Madison, Wis., son of Darius Boughton and Catharine A. Boughton, born at Novi, Mich., Dec. 6th, 1863; educated in the literary and med. dep'ts of the univ. of Mich.; graduated in 1870, and settled first at Owasso, Mich., and removing to Madison in 1872. He is a member of the asso. of med. superintendents for Am. institutions of the insane, and member of the Wis. State med. soc. From April, 1872, to February, 1876, he was ass't phys.

in Wis. State hosp. for the insane; since the last date he has been superintendent of the same. In November, 1875, he married Helen C. McDill.

WALKER, HENRY O., Detroit, Mich., was born in that place Dec. 18th, 1843; his parents were natives of Yorkshire, England. His preliminary education was acquired at the Detroit high school and Albion coll., Mich., prepared for a professional career in the med. dep't of the univ. of Mich., and Bellevue hosp. med. coll., N. Y., graduating Feb. 28th, 1867. He has operated for stone, performed external perineal urethrotomy, removed half the upper jaw, and has had a varied experience in general surgery. His specialty is diseases of genito-urinary organs and rectum. He is a member of the Am. med. asso.; of the Mich. State med. soc.; and of the Detroit acad. of med., secretary, 1876. For the last six years he has held the office of lecturer on diseases of genito-urinary organs and rectum in the Detroit med. coll., and previous to that time was demonstrator of anatomy in the same institution. For nearly three years he was city phys. and member of the board of health in Detroit, Mich.; for two years was surg. of the Michigan Central railroad; is surg. to St. Luke's hosp., Detroit, Mich.; and was daily phys. to Detroit med. coll. dispensary, and to St. Mary's hosp. infirmary, Detroit, Mich., for a period of two or three years. His contributions to medical literature consist of a number of articles on various surgical subjects, principally genito-urinary; and in 1869 was editor of *Detroit Review of Medicine*. He was married, Nov. 13th, 1872, to Gertrude, daughter of Henry Esselstyn, of Detroit, Mich.

BENNITT, JOHN, Cleveland, O., son of Daniel Bennitt, who settled in Steuben co., N. Y., in 1796, when that part of the country was almost a wilderness, was born in Pultney, Steuben co., March 24th, 1830. His preliminary education was received in the country schools of Ind., after which he taught school till he entered the classical school at Angola, in that State, and subsequently at the La Grange collegiate institute at Ontario, Ind. At the age of seventeen he entered upon the study of medicine with Dr. M. Marsh, of Orland, Ind., and studied also at the Cleveland med. coll., graduating from that institution M. D. in 1850. He settled in practice at Centreville, Mich., with Dr. S. D. Richardson, who had also been one of his preceptors, and continued with him for five years. He remained at Centreville till 1862, when he entered the army. He returned to Centreville at the close of the war, and continued to reside there till 1866, when he removed to Cleveland. He is a member of the Cuyahoga co., O., med. soc., of which he has been twice president; of the Ohio State med. soc.; and of the Am. med. asso.; was elected to the State soc. in 1872, and to the last named in 1859. In 1866 he accepted the chair of principles and practice of medicine in the Cleveland med. coll., and since 1872 has been dean of the faculty of that institution. He also assisted in the organization of the St. Joseph, Mich., med. soc., of which he was at one time president. He entered the army as ass't surg. 19th reg. Mich. infantry vols. in 1862, and was promoted to be surgeon the year following, retaining the position to the end of the war. He had charge of the 3d division 20th army corps field hosp. for a part of the campaign, ending with the capture of Atlanta in 1864; was with Sherman's army in the march to Savannah, and at the surrender of Johnson. He was mustered out in June, 1865. He was made prisoner in March, 1863, near Brentwood, Tenn., and although unconditionally released at Tullahoma, Tenn., preferred to accompany some of his fellow-prisoners to Richmond, where he, for a little while, was made an inmate of Libby prison. He was a member of the med. staff of the Cleveland city hosp.

GREEN, JOHN ORNE, Lowell, Mass., was born in Malden, Middlesex co., Mass., May 14th, 1799. He was the oldest son of Rev. Aaron Green (H. U., 1789), who was for thirty-three years the minister of his native town, Malden, occupying the parsonage not three hundred rods from the house in which he was born. Dr. Green was fitted for college by his father, and at a private school kept in the adjoining town of Medford, and entered Harvard univ. in August, 1813, at the age of fourteen, and graduated A. B. in 1817, A. M. in 1820, M. D. in 1822. His medical pupilage was with Ephraim Buck, M. D., of Malden, and Edward Reynolds, M. D., of Boston, the last year acting as ass't phys. at the Leveritt street almshouse, in Boston, with the late Winslow Lewis, M. D., where they had abundant clinical experience of all sorts. Having received the degree of M. D. in February, on the 23d of April, 1822, he settled in East Chelmsford, now Lowell, a city of five thousand inhabitants, at that time not numbering two hundred. At the same time came hundreds of laborers, mostly Irish, employed in digging and enlarging the canals, and for the founda-

tion of the mills. The nature of the work supplied many and severe accidents, and abundant work for physician and surgeon. Unambitious of public office he has acted only in such as would little interrupt his profession. He was on the school committee thirteen years, and often its chairman, and councillor of Mass. med. soc. in 1834. He delivered the annual address before that society in 1846. He was an alderman in the city in 1839; has been vice-president of Lowell institution for savings since 1828; was president of Lowell bank in 1859; has been senior phys. to St. John's hosp. since 1868; and president of old residents' historical asso. since 1868. His published contributions have been a "History of Small-Pox in Lowell," in the *Boston Medical and Surgical Journal*, in 1837; "Biography of Calvin Thomas, M. D.," *ibid.*, 1859; "Cases of Fracture of the Liver," in *American Medical Journal*, in 1839; "Memorial of John C. Dalton, M. D.," 1864; "Annual Address," before the Mass. med. soc., 1846; "The Factory System in its Hygienic Relations;" "An Address before the City Government of Lowell, at the Dedication of the Green School-House," in 1865; an article on "Lowell and Harvard College," in the Transactions of the old residents' asso., in 1877; and the "Annual Address," before the same in 1868. He was thrice married, the last time, in 1849, to Jane McBurney, of Newtonards, Ireland, who died in 1871. His two sons are John O. Green, Jr., M. D. (Harvard, 1863), aural surgeon of the city hosp., Boston, and George Thomas Green, of New York.

WALKER, THOMAS HAINES, Mercersburg, Pa., of Scotch extraction, was born, July 4th, 1825, in Charlestown, Jefferson co., Va. He was educated in Winchester, Va., and graduated from the Pa. med. coll. in 1848. He first settled at Fayetteville, Franklin co., Pa., from which he moved to Henry City, Marshall co., Ill., whence, in 1859, he removed to Chicago, and in 1870 returned to Franklin co., Pa., in consequence of his ill health. His practice is general, including surgery. He is a member of Franklin co. med. soc., of which he was elected vice-president in January, 1876, and of the med. socs. of Chicago, Ill. He contributes to the medical journals of New York and Chicago. In the civil war he was appointed surg. in the 87th Ill. reg. of vols., but never served with the regiment, having been assigned to the charge of hospitals with Gen. Grant, at Shiloh, in Tennessee, at Natchez, and Vicksburg, in Mississippi, and with the army of the Potomac. He was visiting surg. to the U. S. marine hosp. at Chicago, Ill. He has married three times—first, a Pennsylvania lady; secondly, a lady from Maine; and, thirdly, an English lady. He has two children by his first wife, and one by his second.

EBY, JAMES B., Newport, Pa., born at New Bloomfield, Perry co., Pa., Feb. 24th, 1840, educated at Bloomfield acad., graduated from the med. dep't of the univ. of Pa. in the spring of 1866, and settled in Newport, in association with Dr. Joseph Eby, and where he remained one year. He then went to reside in New Buffalo, Perry co., and after being there three years settled in Newport. He is a member of the Perry co. med. soc., was president in 1877, and is now secretary. During the war he served with the three months' men in the 2d Pa. vols., and again among the nine months' men, as second lieutenant in the 133d Pa. vols., and was in the battles of Fredericksburg, Chancellorsville, and Antietam. In March, 1875, he married Emma S. Toland, of Philadelphia.

WINNETT, FINLEY BIDDLE, Scenery Hill, Pa., of Scotch-Irish parentage, born in Washington co., Pa., Aug. 10th, 1848; educated at Hogue's Summit acad., Pa.; studied medicine at the Jefferson med. coll., Philadelphia, and in Brooklyn, graduating in the latter city in 1870. He received an *ad eundem* degree at Cleveland, in 1876. He settled at Jonestown, Pa., and after being there one year moved to Scenery Hill, in 1871. Among the incidents of his professional career is one that he has attended two hundred and eighty-four obstetrical cases without the loss of one patient. He is a member of the Washington co. med. soc., and has been its vice-president. He is married.

FOSTER, WILLIAM S., Pittsburgh, Pa., son of Walter Foster and Maria (Sill) Foster, born in Pittsburgh, Aug. 26th, 1842; educated at Tuscarora acad., Juniata co., Pa., at Jefferson coll., Cannonsburg, Pa.; studied medicine at the Jefferson med. coll., Philadelphia; graduated in March, 1866, and settled in Pittsburgh. His specialty is diseases of women and children. He is a member of the Allegheny co. med. soc., was its ass't corresponding secretary in 1874, 1875, and 1876, and its corresponding secretary in 1877; of the Pa. State med. soc.; and of the Am. med. asso. He was one of the phys. to Passavant's hosp.; phys. to the home for aged women;

and med. exam. of the Pittsburgh fire department; he is phys. to the home for the destitute of Pittsburgh, and surg. of the Baltimore & Ohio railroad at Pittsburgh. During the war he was adjutant 2d batt. 1st Pa. recon. cavalry, and has been for five years brigade surg. 2d brigade 18th division N. G. of Pa. In Nov., 1867, he married Birdie W., daughter of John Watt, Esq., of Pittsburgh.

WRIGHT, E. M., Chattanooga, Tenn., of English parentage, was born in Bethel, Me., May 4th, 1841. His general education was received at Harvard univ., his medical at Dartmouth, and he graduated in Oct., 1865. He first entered the U. S. army, and afterwards settled at Chattanooga. His specialties are preventive medicine and diseases of the chest. He is a member of the Am. med. asso., the Tenn. State med. soc., and Hamilton co. med. soc., etc. His contributions to medical literature are: "Hot Water in Prolapsus Uteri," "Plea for a State Board of Health," "A People Without Consumption, and some Account of their Country," "The Cumberland Table Lands," etc. He was professor of State medicine and diseases of the chest in the Nashville med. coll. in 1877. He has been twice mayor of Chattanooga, ass't surg. 1st U. S. C. A. H., and member of the State board of health. In Jan., 1866, he married Millie M. Blair, of Newburg, Vt.

ARNOLD, GEORGE JEROME, Roxbury, Mass., was born at Londonderry, Vt., May 28th, 1835, and is of American parentage. He was educated at Harvard coll., and graduated from that institution in 1861. He is a member of the Mass. med. soc., of the obstet. soc. of Boston, of the Boston soc. for medical observation, of the Roxbury soc. for medical improvement, of the Boston soc. of natural history, and of the med. asso. of Boston city hosps.; he is also visiting phys. on the hosp. staff of Boston city hosp., and has served as ass't surg. U. S. army. Nov. 6th, 1861, he was married to Anna E. Bullard, of Mass.

CAROTHERS, ANDREW EDWARDS, Austin, Texas, of Scotch-Irish ancestry, who settled in Carlisle, Pa., in 1725, and some of whom fought in the revolution, was born in Carlisle, Cumberland co., Nov. 14th, 1838. He received his literary education at Plainfield acad., and studied medicine at the univ. of Pa., graduating M. D. in March, 1863. He commenced practice in Newburg, Cumberland co., Pa., in partnership with Dr. D. R. Smith; he then entered the army, and, at a later date, Oct., 1875, settled in Austin. His preference is for surgical practice, and he has performed successfully amputation at hip-joint for gunshot wound, operation for the removal of both upper jaws, laparotomy for uterine tumor, and twenty-four operations, out of twenty-six, for lithotomy. He is hon. mem. Sociedad Medica de San Luis Potosi, Mexico; member of the Western Texas med. asso., San Antonio, Texas; member and censor of the Travis co. med. soc.; member and censor of the Texas State med. asso.; member of the Am. med. asso.; of the National board of health; and corres. member of the acad. of nat. sciences, Philadelphia, elected Oct., 1874. His contributions to the literature of his profession are: "Fractures of Femur from Minie Balls," *American Journal Medical Sciences;* and "Urinary Calculi," Trans. actions of Texas State med. asso., 1877. In 1862 and 1863 he served as acting ass't surg. of U. S. army, army of the Potomac; was appointed ass't surg. of U. S. vols., Jan., 1864; passed surg. Brownsville, Texas, 1864; surg. in charge of district, Natchez, Miss.; post surg., San Antonio, Texas, 1865; and was brevetted captain U. S. vols. in Jan., 1866; he also served as chief surg. military hosp. at Saltillo, Mexico, during the revolution of 1871 and 1872; he was secretary of the board of health, and health officer, San Antonio, Texas, during the cholera epidemic, 1866 and 1867, and one of the committee of the State med. asso. which procured the passage of the law regulating the practice of medicine in Texas. In Nov., 1862, he married Fannie Ives, of Cheshire, Conn.

PRINCE, DAVID, Jacksonville, Ill., born in Brooklyn, Windham co., Conn., June 21st, 1816, educated at the Canandaigua acad., Canandaigua, N. Y., studied medicine at the coll. of phys. and surg., western district, Fairfield, N. Y., and at the med. coll. of Ohio, at Cincinnati, whence he graduated in 1839; settling first in Payson, Adams co., Ill., then at St. Louis, Mo., and then at Jacksonville, Morgan co., Ill. During the war he was a surg. of vols. He is at present member of the Am. med. asso. (vice-president in 1863), and of the Ill. State med. soc.

NANCE, HIRAM, Kewanee, Ill., was born in Floyd co., Ind., Sept. 23d, 1822. His earlier education was acquired in the common schools, and at an academy at New Albany, Ind. In 1836 he moved with his parents to Illinois, locating in Adams co. In his nineteenth year he commenced the study of medicine with Dr. J. W. Hollowbush, with whom he remained for three years.

After two courses at the univ. of Mo. he graduated from that institution in the spring of 1847; then entered on practice in Lafayette, Stark co., Ill., and was constantly engaged there during the following fifteen years; he thence removed, in 1860, to Kewanee. He is a member of the Am. med. asso., and of the Ill. State med. soc.; was one of the originators of the military tract med. soc., which is composed of practitioners in the counties of Bureau, Henry, Mercer, Knox, Stark, Warren, and Henderson, and was its second president. He was married, April 20th, 1847, to Sarah R. Smith, of Knox co., and has had twelve children.

CLARK, HAYMOND WILLIAM, Noblesville, Ind., fifth in descent from Richard Clarke, who settled in Elizabeth, N. J., 1678 (from Southold, Long Island), son of Alison Clark and Sarah (Haymond) Clark, was born in Clarksburg, W. Va., March 7th, 1803. He received a country school education, and studied medicine with Dr. Joseph Moffitt, of Eastern Ind. He settled first at Noblesville, in June, 1826; in Somerset, now Laurel, in 1827; in Connersville in 1829, and returned to Noblesville in Jan., 1830. He is a member of the Am. med. asso., and of the Ind. State med. soc., and was delegate from the latter to the former in 1874 and 1877. In 1850 he was a member of the Ind. constitutional convention; was a member of the house of representatives, general assembly, Ind., in 1843 and 1844; he is also probate judge of Hamilton co., Ind. In Nov., 1826, he married Almarine C., daughter of Thomas Bond, Esq., of West Virginia.

CHARLTON, SAMUEL H., Seymour, Ind., of Scotch-Irish parentage, was born near Madison, Jefferson co., Ind., Nov. 1st, 1826. After being educated in common schools and seminary at Vevay, Switzerland co., Ind., he entered the office of Drs. McCutchin and Gale, at Vevay, and continued his studies at the univ. of Louisville, graduating in 1871. He had established himself at Hardenburg, Jennings co., Ind., in 1850, and after remaining there four years removed to Vernon, in the same county; he removed finally to Seymour, in 1858. He is a member of the Jackson co. med. soc., and is now its president; of the Mitchell district med. soc., of the Tri-State med. soc., of the Ind. State med. soc., and of the Am. med. asso. He has read a number of papers before his county and district societies. During the war, in Dec., 1861, he was commissioned first ass't surg. of the 1st Ind. reg. vols., a position he held to the following spring, after the battle of Pittsburgh Landing, when ill health compelled his resignation. He is now U. S. exam. surg. for pensions, and for a number of years a member of the board of health of Seymour, part of the time its president. In Dec., 1852, he married Cordelia, daughter of Hon. Alanson Andrews, of Vernon, Ind.

MCCANN, JAMES, Pittsburgh, Allegheny co., Pa., son of Thomas McCann and Sarah W. McCann, of Scotch-Irish ancestry, grandson of Thomas McCann, who was attached to Wayne's brigade and fought in the revolution, was born in Penn township, Allegheny co., April 12th, 1836. He passed his early years on a farm, received a common school and an academic education, and graduated from the univ. of Pa. in 1864. He studied medicine, and graduated M. D. from the univ. of N. Y. in March, 1864. He settled in Pittsburgh in general practice. In 1871 he was elected a member of the Am. med. asso., in 1867 of the Pa. State med. soc., in 1866 of the Allegheny co. med. soc., and was vice-president of the latter in 1874 and president in 1875. His report of the cure of a case of aneurism of femoral artery by digital compression is published in the *Atlanta Medical and Surgical Journal*, Dec., 1874, and one on excisions of the elbow-joint in *Pittsburgh Academy of Medicine*, May, 1876. He was surg. of the U. S. marine hosp., Pittsburgh, from 1866 to 1869, and is now surg. of the Western Pa. hosp., and phys. of the Pittsburgh dispens. In Sept., 1864, he was appointed ass't surg. of 5th Pa. heavy artillery, and served till June, 1865, when the regiment was discharged. In May, 1862, he married Sarah Boyd, of Pittsburgh.

GUSS, ISAAC, Cassville, Pa., son of Henry Guss and Elizabeth (Foose) Guss, of German extraction, born near Bloomfield, Perry co., Pa., April 19th, 1836, studied at the New York hygeio-therapeutic coll. in 1858, attended lectures at the Pa. med. coll., Philadelphia, in 1859 and 1860, and at the Jefferson med. coll., Philadelphia, and graduated from the latter M. D. in 1866. He first settled at Williams Grove, now Bigler Station, Clearfield co., Pa.; then at Smith's Mills, same county; and in 1866 in Cassville. During his practice he has successfully attended a case of triplets. He is a member of the Huntingdon co. med. soc., was its vice-president in 1875; and of the Juniata valley med. asso. He has been postmaster, school director, chief burgess, etc., of Cassville. In Nov., 1861, he married Mary Ellen Kyler, of Williams Grove.

DUNLAP, MILTON, Greenfield, O., was born, Aug. 9th, 1807, in Brown co., O., and is the third child of William and Mary (Shepherd) Dunlap. He was occupied on the farm until he was seventeen years of age, attending the district school during the winter. In 1824 he went to Ripley, O., and studied medicine and general literature under the supervision of Dr. T. S. Williamson for about eighteen months. In 1826 he went to Cincinnati, where he became a clerk in a drug store, and also at the same time studied medicine, and attended upon the lectures delivered at the Ohio med. coll. in the winter season, and graduated from that institution in 1829. The following year he located at Greenfield, Highland co., O., giving especial attention to obstetrics. Up to the present time he has attended nearly 5,000 obstetrical cases. He is a member of the Highland co. med. soc. He was married in 1838 to Frances L. Kinkaid, of Ross co., O., and is the father of thirteen children.

BAKER, JOHN WATERMAN HARRIS, Davenport, Iowa, grandson of Dr. Oliver Baker, Sr., son of Dr. Oliver Baker, Jr., and Sallie (Ticknor) Baker, was born in Chesterfield, Cheshire co., N. H., Aug. 21st, 1821. He received his academic education at Kimball union acad., Meriden, N. H., and his medical education at N. H. med. coll., Hanover, N. H., and graduated from the latter in Oct., 1842, settling in Newport, N. H., in 1843; in Meriden, N. H., in 1844; at Mokelumne Hill, Cal., in 1853, and finally at Davenport, Iowa, in 1855. He is a member of the Iowa State med. soc., has held all the offices, and was its president in 1866; of the Scott co. med. soc., in which he has also held all the offices; of the Illinois and Iowa central district med. soc., of which he is now vice-president; and of the Am. med. asso. He was a member of the N. H. med. soc. in 1852. He served for a few months as ass't surg. to the U. S. hosp. at Camp McClellan, near Davenport, Iowa, during the war of the rebellion. In Jan., 1845, he married Julia Ann Richardson.

GROSS, SAMUEL W., Philadelphia, son of Prof. Samuel D. Gross, was born in Cincinnati, Feb. 4th, 1837; was educated at Shelby coll., Ky., studied medicine in the med. dep't of the univ. of Louisville, and at Jefferson med. coll., Philadelphia, and graduated in March, 1857. He settled in Philadelphia, making a specialty of the genito-urinary organs. He is a member of the coll. of phys. of Philadelphia; the pathолog. soc. of Philadelphia; of the county med. soc. of Philadelphia, and of the State med. soc. of Pa. He has contributed various papers on clinical surgery to periodical medical literature; also papers on "Gunshot Wounds of the Bones and Joints," "Wounds of the Internal Jugular Vein," "Ulceration of the Veins," "Digital Compression in the Treatment of Aneurism," "Compression of the Brain as met with in Army Practice," "Synovitis of Knee-Joint;" also editor of "Gross on the Urinary Organs." He was formerly a surg. to the Howard hosp.; to the Philadelphia hosp.; and is now one of the surg. to the Jefferson med. coll. hosp., and lecturer on the diseases of the genito-uninary organs in the Jefferson med. coll., and on clinical surgery in the hosp. He was surg. and major of U. S. vols. during the entire civil war, and was brevetted lieut.-col. at its termination. He married in Dec., 1876.

OCTERLONY, JOHN ARVID (also spelled Ouchterlony), Louisville, Ky., son of an officer in the Swedish army, of Scotch lineage, and of a lady of French descent, was born in Sweden, June 24th, 1838. He was educated in Sweden, studied medicine in the univ. med. coll., New York, and graduated in March, 1861. He settled first in New York. He is a member of the Am. med. asso.; of the Am. dermatolog. asso.; of the Ky. State med. soc.; of the obstetrical soc. of Louisville; corres. member of the Boston gynæcolog. soc., and member of the Louisville medico-chirurg. soc., of the last named he has been president, and secretary of the Louisville obstetrical soc. He has written papers on "Angina Pectoris," "Grave's Disease," "Cystic Degen. of Kidneys," "Molluscum Fibrorum," "Cholelithiasis," and numerous clinical records, etc. He is visiting phys. of Louisville city hosp., and president of the hosp. med. board; visiting phys. of the Ky. infirmary for women and children; visiting phys. to the old ladies' home, Louisville; formerly lecturer on clinical medicine in the univ. of Louisville, and prof. of mat. med. and therap., and clinical medicine, Louisville med. coll. He served as a med. officer in the U. S. army during the war of the rebellion. In 1863 he married Kate Aubrey, daughter of Hon. W. H. Grainger.

MOORE, EDWARD MOTT, Rochester, N. Y., whose ancestors on his father's side were among the first settlers in N. J., and on his mother's, who was a Mott, from Long Island, go back to emigrants who came from France after the siege of Rochelle, born at Rahway, N. J., July 15th, 1814, received his degree of M. D. from the univ. of

Pa. in 1838, after a year's residence at Blockley hosp., and then became resident phys. of the Frankford asylum for the insane, Philadelphia. He removed to Rochester in 1839. He is a member of the local and State med. socs. of N. Y., and of the Am. med. asso. He is the author (in conjunction with Dr. C. W. Pennock) of a series of papers describing experiments on the heart's action, which were among the earliest contributions to scientific knowledge on this subject, and the first ever made in this country, published in 1838; of a paper controverting the rationale of the production of vowel sounds as asseverated by a long line of physiologists; also papers on various surgical operations, fractures, etc. In 1843 he was called to the chair of surgery in Vt. med. coll., at Woodstock, a position he held for eleven years, and afterwards lectured on the same topic in the Berkshire med. coll. at Pittsfield. During the winters of 1854 and 1855 he occupied the same chair in the Starling med. coll., Columbus, O., and for twenty years he has been incumbent of the chair of surgery in the Buffalo med. coll. He married Miss Prescott, of New England.

KOHL, JULIUS, Belleville, Ill., was born in Herzog zum, Nassau, Germany, April 18th, 1838. His parents were natives of that vicinity. His mother died in Germany, but his father, with six children, emigrated to this country in 1853, and settled in the State of Illinois. He was at this time fifteen years of age, and had received in his native land a thorough classical education. Soon after settling in Illinois, he began the study of pharmacy, and three years later that of medicine under the preceptorship of Dr. Trapp. He afterward entered the St. Louis med. coll., from which institution he ultimately graduated. For one year he served as ass't phys. in the St. Louis city hosp. For two years he practised in Centralia and then settled in Belleville, practising in the counties of Monroe and St. Clair. He is the president of the First national bank of Belleville; also corres. secretary of the St. Clair med. soc., and member of the Am. med. asso. He was married in 1860 to Kathrine Berghoff, formerly a resident of St. Louis, Mo.

DAVISON, HENRY BABINGTON, Aurora, Nev., was born, March 14th, 1823, in Bellaghy, county Derry, Ireland. His father was of Scotch-Irish parentage, and his mother of Danish. He came to the United States when he was four years old, returned to Ireland when ten, and came back when seventeen, having meanwhile received his literary education at the Belfast (Ireland) acad. He studied medicine in Ohio and Indiana in 1842, 1843 and 1845, and graduated from the Jefferson med. coll., Philadelphia, in March, 1870. He settled in 1852 at Weaverville, Trinity co., Cal.; left for Mexico in 1860; returned and located at Coluta, Cal., in 1867; whence he removed to San Francisco in 1872; thence to New Almaden in 1873, remaining there one year as phys. to the miners; went at the close of 1873 to Carson City, Nev., where he remained four years; and then settled in Aurora, Esmeralda co., Nev. He is a member of the Alameda co. med. soc.; of the Cal. State med. soc.; and of the Am. med. asso. He has contributed several papers to the *Pacific Medical and Surgical Journal*, and the *Western Lancet*. He has been county phys. of Orsmby co., Nev.; was phys. to the Nevada State prison for two years: and is now county phys. for Esmeralda co., Nev. He married in 1854, in San Francisco, Cal., and has seven children—two daughters and five sons.

KNOTT, CHRISTOPHER W., Kankakee, Ill., was born in Susquehanna co., Pa., July 18th, 1821. In 1849 he matriculated at the Rush med. coll. of Chicago, and, graduating in the spring of 1852, at once commenced practice in the neighborhood of Joliet and Ottawa. He afterward moved to a French settlement situated along the banks of the Kankakee river about two miles below the town of Kankakee, and known as Bourbonais Grove, and practised about eight years. Upon leaving Bourbonais Grove, he established himself in Kankakee. In 1872 he superintended and ordered the construction of the Kankakee & Indiana railroad, eleven miles in length, running from Kankakee to St. Ann's, and at that point connecting with the road to Lafayette, Ind.; of this road he was appointed president. He now fills the office of president of the Illinois West Extension railroad, of which he is at present prosecuting the construction. He was married, March 22d, 1847, to Altay Scott, from New York, whose demise occurred in 1854.

GIBBONS, HENRY, San Francisco, Cal., grandson of James Gibbons, teacher of languages in Friends' Academy, Philadelphia, prior to the revolution, son of William Gibbons, M. D., and Rebecca (Donaldson) Gibbons, was born in Wilmington, Del., Sept. 20th, 1808. He graduated M. D. from the univ. of Pa. in March, 1829, and located himself in Wilmington till 1844, then in Philadelphia till 1850, and then in California. He

is member and ex-president of the San Francisco med. soc., and the Cal. State med. soc.; and formerly member, now hon. member, of coll. of phys., and of the acad. of natural sciences, Philadelphia. He is prof. of practice in the med. coll. of the Pacific; and was prof. of physiol. in the Philadelphia coll. of medicine, while in that city. He is president of the Cal. State board of health; one of the founders of the Cal. acad. of natural sciences; and was one of the corporators of the female med. coll. of Philadelphia. He is senior editor of the *Pacific Medical and Surgical Journal*, and author of a prize essay on tobacco.

HAMILTON, WILLIAM, Galesburg, Ill., was born in Chittenden co., Vt., in 1833, his parents being Dr. Jamin Hamilton and Elizabeth Little. He was educated in the academy in his native village and at a similar institution in Bakersfield, Vt. At the age of seventeen he commenced the study of medicine in his father's office and under his instruction. In the fall of 1851 he attended his first course of medical lectures at the med. coll. in Castleton, Vt. In the spring of 1853 he attended his second course at the Woodstock med. coll., and early in the year 1854, when his parents removed to Albany, N. Y., he entered the med. coll. in that city and graduated in June of that year. Very soon after graduating he removed to Knox co., Ill. In 1862, when a call for more troops was made, he received the appointment of first ass't surg. of the 102d Ill. inf.; and in the following year, while in the field in Tennessee, was promoted to surg. of said regiment, which position he held until the close of the war, when he located in Galesburg, Ill. He is a permanent member of the Am. med. asso., and a member of the military tract med. soc. since its organization in 1866, and during the year ending July, 1875, was its president. [Died, Oct. 13th, 1877.]

GRAY, JOHN P., Utica, N. Y., received his medical education in the med. dep't of the univ. of Pa., from which he was graduated in 1848. He has always devoted special attention to the treatment of mental diseases, and for some years has been the sup't and phys. of the N. Y. State lunatic asylum at Utica, an institution having accommodation for six hundred patients. He is a member of the Am. med. asso.; of the asso. of med. sup'ts of Am. institutes for the insane; of the med. soc. of the State of N. Y., by which he was sent as a delegate to the Am. med. asso. in 1877; and of the Oneida co. med. soc. He was a member of the International med. congress, which met in Philadelphia in 1876, appearing as a delegate from the med. soc. of the State of N. Y. In that body he was chosen president of the section on mental diseases, and delivered an address on "Mental Hygiene," which was published in the Transactions of the congress. In the course of a discussion on a paper read by Dr. Kempster, before the congress, on "Microscopic Study of the Brain," Dr. Gray said that he had in connection with the Utica asylum inaugurated in the asylums of this country this study. He is the prof. of psychological medicine and med. jurisprudence in the Bellevue hosp. med. coll.; also prof. of psychological medicine in Albany med. coll.

ROSKOTEN, ROBERT, Peoria, Ill., was born in Mettmann, Prussia, Feb. 5th, 1816. After a good classical education he became a student at the univ. of Jena, where he prosecuted the study of medicine, graduating in 1848. He was subsequently engaged in practice in Germany for one year, and at the expiration of that time came to the United States in 1849. In 1850 he left New York, and, proceeding westward, settled in Peoria, Ill. He is a member of the Peoria city med. asso.; of the Ill. State med. asso.; and of the Am. med. asso. He has been a school director of Peoria, and president of the Peoria free German school. For some time also he was a member of the board of medical examiners of the State of Illinois, and was afterwards promoted and commissioned by the U. S. government as brigade-surg., went into the field and served actively and efficiently for a period of twelve months. In the battle of Shiloh a horse was killed under him, and the concomitant shock brought on a hemorrhage of the lungs, which, affecting his health seriously, was the direct cause of his resignation and resumption of civil functions.

CENTER, GEORGE FLEMING, Evansville, Ind., born in Chicago, Ill., June 25th, 1837, graduated A. M. from McKendree coll., Ill., and M. D. from Louisville med. coll., Ky. He located himself first in Marshall and then in Olney, Ill., and finally in Evansville. Among his successful operations have been reducing thyroid dislocation of femur after twelve months duration, removal of lymphatic glands, etc., etc. He is a member of the Tri-State (Ky., Ind., and Ill.) med. soc.; of the Olney med. soc.; of the Evansville med. soc.; and from 1873 to 1875 was a member of the Am. med. asso. He is prof. of physiol. and pathol. in the med. coll. of Evansville, and also staff-surg.

of St. Mary's hosp. During the war he was ass't surg. of an Illinois regiment. From 1875 to the end of 1876 he was surg.-in-charge of U. S. marine hospital at Evansville. In 1873 and 1874 he was health officer at Olney, Ill. In 1866 he married L. M. Rowland.

RAUCH, JOHN H., Chicago, Ill., was born in Lebanon, Pa., Sept. 4th, 1828. Matriculating at the med. dep't of the univ. of Pa., in 1847, he graduated from that institution in the spring of 1849. In 1850 he located in Burlington, Iowa, and commenced practice. During 1850–51 his attention was directed to the relation of ozone to diseases, and he bestowed upon the matter a careful and thorough investigation. About this time, and during the prevalence of cholera, he called the attention of Congress to the necessity of providing medical aid for those engaged in maritime pursuits on the western waters, and succeeded in having established at Galena and Burlington sites—being appointed on the committee for their selection—upon which marine hospitals were subsequently erected, which were thrown open to use in 1858. In 1851, during his residence in Burlington, his attention had been called to the increase in cholera, following the burial of a number of its victims in the U. S. cemetery located there. With others he succeeded in securing the vacation by government of the ground for burial purposes, and the donation of it to the Burlington university for educational purposes. During 1855–56 he devoted some time to assisting Prof. Agassiz in the collection of material for his work: "The Natural History of the United States," and secured a valuable collection from the upper Mississippi and Missouri rivers, of specimens chiefly piscatorial. In 1856 he was instrumental in securing the passage of a bill through the legislature authorizing a geological survey of Iowa. In the fall of 1870 he visited the mining districts of South America, in order to ascertain what prospects existed of improving the sanitary condition of the miners in the gold regions of Venezuela. During his sojourn there he made a large and valuable collection of natural objects for the Chicago academy of natural sciences. He is a member of the Iowa State med. soc., which was organized in 1850, and was its first delegate to the Am. med. asso. in 1851, and its president in 1858; also a member and one of the organizers (in 1859) of the Chicago coll. of pharmacy; of the Chicago acad. of natural sciences; of the Am. public health asso., of which he was for several years treasurer, and in 1875–76 first vice-president; of the Am. social science asso.; and one of the Agassiz memorial committee. He is the author of a report "On the Medical and Economical Botany of the State," read at the first annual meeting of the Iowa State med. soc.; of a description of the Agassiz collection above referred to, published in *Silliman's Journal of Natural Sciences;* on "Intramural Interments and their Influence on Health and Epidemics," discussed before the historical soc. of Chicago in 1858; of a paper on "Slaughtering," and which contained his opinion respecting the Schuylkill drove-yard abattoir in Philadelphia, published in 1872; of a report of the "Texas Cattle Disease," in 1868, etc., etc. In 1852 he delivered the annual address before the State horticultural soc. of Iowa. In 1857 he was elected to fill the chair of mat. med. in the Rush med. coll. of Chicago, a position he held for three years while continuing to reside in Iowa; and in 1859 he was selected as prof. of mat. med. and med. botany in the Chicago coll. of pharmacy. He served throughout the civil war as surgeon and medical director, and for his services was brevetted lieut.-col. He was an active member of the Iowa historical and geological institute during his residence in that State. In 1867, with others, he was instrumental in having the board of health organized in Chicago, became a member thereof and served until 1873, presenting in 1868 a report on "Drainage;" in 1869 a report on "The Chicago River and the Public Parks;" and in 1870 a "Sanitary History of Chicago," with the official report of the board of health from 1867 to 1870. During the fire of 1871 his "Report for the Board of Health," also a synopsis of the "Flora of the Northwest," his "Herbarium," his "South American Notes," and many other valuable papers on sanitary measures, were destroyed. At this time he became connected with the relief and aid society of Chicago, and rendered valuable assistance as one of its associates and agents.

MARTIN, HUGH, Canton, Ill., was born in Frederick co., Va., in 1802. His education, acquired primarily in his native State, was completed at the Oxford univ. in Butler co., O. He commenced the study of medicine in 1826 with Dr. Jesse Palmer, at Eaton, O., and matriculated at the Ohio med. school in Cincinnati. In 1831 he entered upon practice in Montgomery co., O., where he remained for about nine years. After three years in Clinton co., Ind., he, in 1843, removed to Canton, Fulton co., Ill. In 1853 he graduated from the St. Louis med. univ. He is a member of the Am. med. asso., and a member also of the Ill. State med. soc. For the past ten years he has

given special attention to obstetrics. He was married in 1832 to Elizabeth Hipple, formerly a resident of Montgomery co., Ohio.

WEBSTER, CHARLES EDWIN, Portland, Me., was born in Durham, Me., Feb. 9th, 1841, and is of American parentage. He acquired his literary education at Phillips' Exeter acad., Exeter, N. H., and at Bowdoin coll., where he graduated A. M. He was prepared for a professional career at the med. school of Maine. Dates of graduation: arts, 1866; medicine, 1869. He established himself in the practice of his profession in Portland, Me. He is a member of the Cumberland co. med. soc., secretary of that body for one year from Nov., 1871; and of the Maine med. asso. From March, 1874, to March, 1876, he filled the office of city phys. of Portland, Me.; and since April, 1872, has served as treasurer of the Portland (Me.) dispensary. He was married, Jan. 15th, 1873, to Sophie Eloise Hart.

ARNOLD, WILLIAM W., Rushville, Ind., grandson of John Arnold, who immigrated to this country from the Isle of Wight, son of Dr. John Arnold and Sarah A. Arnold, was born in Connersville, Fayette co., Ind., Aug. 28th, 1843. He graduated in medicine from the Ohio med. coll. at Cincinnati in 1864, and settled in practice with his father at "Arnold's Home," Rush co., Ind. He is a member of the Ind. State med. soc., and of the Rush med. soc. of Rushville, was vice-president of the latter in 1877. In July, 1863, he married Eva M., daughter of Rev. Joseph Shaw.

EWING, ROBERT BLACK, West Grove, Pa., son of A. Scott Ewing and Mary B. Ewing, was born in Mechanics Grove, Lancaster co., Pa., Sept. 6th, 1841. He was educated at Westminster coll., Pa., and at the univ. of Pa., and graduated in medicine from the latter in March, 1865. He resided in New Texas, Lancaster co., for two years, and then removed to Sparta, Fulton co., Ill. He now resides at West Grove. He is a member of the Chester co. med. soc., and of the Oxford med. soc., and was secretary of the latter for four years. In June, 1865, he married May A. Ross.

DICKEN, JAMES LINDSEY, Wabash, Ind., of Scotch, Irish, Welsh, and German ancestry, was born, April 15th, 1821, in Fayette co., Ind.; and studied his profession in the Ohio med. coll., from which he graduated March 4th, 1851. In 1849 he settled in Somerset, Wabash co., Ind., whence he removed to Wabash, in Wabash co., where he has resided for the last seventeen years. Although a general practitioner, he has had much surgical practice, having performed nearly every operation in surgery, including lithotomy, laryngotomy, tracheotomy, and ovariotomy. He is a member of the Ind. State med. soc., and of the Wabash co. med. soc., in which he has held at different times all the offices, and of which he has been secretary for the last four years; and is an honorary member of the Grant and Kosciusko cos. med. socs. In the civil war he was surg. of the 47th Ind. infantry from Sept. 16th, 1861, to Oct. 22d, 1865, being the ranking regimental surgeon in the department of the Gulf for the last two years of the war, during which period and before he served as staff surgeon of Gens. Ross, Veach, Lawler, Hawkins, Slack, McGinnis and Dennis, his service throughout the war not having been interrupted so much as a day either by sickness or furlough. He married, Nov. 29th, 1842.

ROHÉ, GEORGE H., Baltimore, Md., was born in Baltimore co., Md., Jan. 26th, 1851. He was educated in the public and parish schools of Baltimore co. and city, and graduated from the med. dep't of the univ. of Md., March 1st, 1873. His specialty is dermatology. From May to Dec., 1876, he was ass't phys. of the Boston dispensary for skin diseases; and in April, 1877, was elected lecturer on skin diseases in the Baltimore coll. of phys. and surg. He is a member of the Baltimore med. and surg. soc.; of the Baltimore clin. soc., and of the med. and chirurg. faculty of Md. He has contributed papers on dermatological and syphilological subjects to the *Archives of Dermatology*, the *Virginia Medical Monthly*, and the *Cincinnati Clinic*.

LLOYD, FREDERICK, Iowa City, Iowa, of Irish and English parentage, and Welsh and English ancestry, was born in London, England, May 24th, 1826. He received a common school education, and private instruction in Canada West, graduated from the med. dep't of Transylvania univ., Lexington, Ky., in 1851, and subsequently attended the coll. of phys. and surg., New York, 1866–67, and Bellevue hosp. med. coll., New York, 1867–68. He settled first in New Albany, Ind., in 1851; removed to Peoria co., Ill., in 1852, and to Iowa City, Johnson co., in 1854. During the first half of 1868 he was surgeon in charge of the emigrant ship "Columbia," which ran between New York and Liverpool. He is a member of the State med. soc. of Indiana,

and of the State med. soc. of Iowa; secretary of the latter from 1857 to 1860, 1866 to 1868, and 1870 to 1877, inclusive. He has written essays on "Medical Ethics," and "On the Uses and Abuses of Mercury," both published in the Transactions of the Iowa State med. soc., besides many minor reports and essays. He was surg. in charge of Mary Ann hosp., rear of Vicksburg, after the battle of Port Gibson; in charge of Jefferson hosp., Memphis, Nov. and Dec., 1863; superintendent of hospital at Savannah, Ga., in 1865, and also in charge of Camp Nelson hosp., Ky. He entered the service as ass't surg. of the 11th Iowa infantry, was afterwards surg. of the 16th, ass't surg. U. S. vols., and surg. U. S. vols., retiring with the rank of brevet lieut.-col., surg.-in-chief, 3d div., 14th army corps, during the Atlanta campaign, and acting medical director 14th army corps in the march to the sea. He was present at the battles of Shiloh, Iuka, Corinth, siege of Corinth, siege of Vicksburg, Jonesboro', Waynesboro', etc. He has been secretary of the school board of Iowa City, Iowa; was for two terms coroner of Johnson co., and county physician of Johnson co.; medical member of the board of commissions of insanity of Johnson co., and U. S. examining surgeon for pensions. He was also associate editor of the *Iowa City Weekly Reporter* (Republican) during the campaign of 1860. In Aug., 1850, he married Isabella Harriette Wade.

POTTER, THOMAS B., Phillipsburg, Pa., of Scotch and Irish ancestry, son of John Potter and Amelia (Burnside) Potter, born at Potter's Mills, Nov. 21st, 1829, educated at Lewistown acad. and at Princeton coll.; studied medicine at the univ. of Pa., Philadelphia, and graduating in April, 1851, settled at Stormstown, Half Moon Valley, Centre co., Pa., and afterwards at Phillipsburg, Centre co. He was vice-president of the Centre co. med. soc. in 1875–76, and has occasionally contributed to the *Medical and Surgical Reporter*, Philadelphia. During the war he was ass't surg. of the 77th reg. Pa. vols. He has held all the local borough offices of Phillipsburg. He married in Feb., 1854. His wife died in May, 1869.

EASTER, WILLIAM EWING, Hamburg, Ark., of Irish and Scotch ancestry, was born at Greenfield, Huron co., O., Dec. 25th, 1832. He received his literary education at Wilmington, Del., and his medical education at Cleveland med. coll., O., graduating in 1853, and settling first at Hot Springs, Ark., then in New Orleans, next in Ashley co., Ark., then in Shelby co., Tenn., and finally in Hamburg. His specialty is surgery and obstetrics. He has performed the operation of bisection thirteen times with twelve favorable results to the mother; also operated for abscess of the spleen, removing four and a half gallons of pus at two operations, also with favorable result. He has been a member of the Ashley co. med. asso. from 1859, was its vice-president in 1871, and president in 1872; also a member of the Arkansas State med. soc. During the civil war he served as captain of a cavalry company in the Confederate States army. In Dec., 1859, he married Virginia Bell. She died in July, 1869. He afterwards married Sue M. Pugh.

WOODWARD, JOSEPH JANVIER, Washington, D. C., was born in Philadelphia, Pa., about 1832. He was educated at the Philadelphia Central high school, from which he received the degree of A. B. in 1850, and that of A.M. in 1855, acting as the valedictorian of his class. After receiving the first-mentioned degree he began the study of medicine, and graduated from the univ. of Pa. in the spring of 1853. For a short time thereafter he practised medicine in Philadelphia, acting during that period as examiner and teacher upon microscopical and pathological anatomy; he entered the army, wherein he rose rapidly, and is now the chief assistant in the surgeon-general's bureau, at Washington, D. C., with the rank of lieut.-col. He is the medical editor of the "Medical and Surgical History of the Rebellion." His professional labors have been of distinguished character, none more so than his comprehensive series of experiments in microscopic photography, by which the profession has been placed in possession of records of the highest value and usefulness. Among his published papers are "Address on Medical Staff of U. S. A.;" "Remarks on Croup and Diphtheria;" "Typho-Malarial Fever: is it a Special Type of Fever?" Transactions of International med. congress, 1876; "Remarks on Photographic Micrometry," Trans. Am. med. asso., 1876; "Application of Photograph to Micrometry, with Special Reference to the Micrometry of Blood in Criminal Cases," *ibid.*; Report on "Medical Literature," *ibid.*, 1870; Report on "Causes and Pathology of Pyæmia" (septæmia), *ibid.*, 1866. He was a member during his residence in Philadelphia of the Philadelphia co. med. soc.; is a member of the Am. med. asso., second vice-president in 1875; was a delegate to the International med. congress at Philadelphia, 1876; and of the med. asso. of the District of Columbia. He is married.

BLACKIE, GEORGE STODART, Nashville, Tenn., son of Alexander Blackie, banker; great-grandson of James Watt, of steam engine celebrity; cousin of John Gibson Lockhart, son-in-law of Sir Walter Scott; cousin of Lord Jeffrey, of the *Edinburgh Review*, and brother of Prof. John S. Blackie, now of Edinburgh, was born at Aberdeen, Scotland, April 10th, 1834. He was educated at the Edinburgh institution; in arts at Aberdeen; in medicine at Edinburgh, and also at the univs. of Bonn on the Rhine, at Berlin, and at Paris. He is A. M., M. D., gold medallist, and three stars, univ. of Edinburgh, 1855; gold medallist in botany, 1852; and Ph. D., univ. of Lebanon, Tenn., 1874. He first was resident phys. at Mowcroft private lunatic asylum near London; then established himself in practice at Kelso, Scotland; and subsequently in Nashville, Tenn., in 1857, and where he has since resided except during 1873 and 1874, which he passed in teaching in New York. His specialty is the natural sciences. He is a fellow of the botanical soc. of Edinburgh, 1852, and its curator in 1855 and 1856; member of the Edinburgh geological soc. in 1854; of the medico-chirurgical soc. in Edinburgh, 1856; corresponding member of the New Orleans acad. of science, 1856; member of the council of the univ. of Edinburgh, 1873; of the Am. asso. for the advancement of science, 1856; fellow of the same, 1857; of the State med. soc. of Tenn., 1857; of the med. soc. of Nashville, 1857; and was secretary of the same for eleven years; was commissioner from Tennessee to the prison convention held in London in 1872; and member of the Troy scientific institution, 1877, etc., etc., etc. He is the author of "Cretins and Cretinism," Edinburgh, 8vo., 1855; contributions to the *London Botanical Gazette;* to the "Medical Flora of Tennessee," 1857; "Botany, the Ally of Medicine," Nashville, 1858; contributions to *Nashville Medical Journal* and *North American Medico-Chirurgical Review*, etc., etc.; and was twelve years one of the editors of the *Nashville Medical Journal*, etc., etc., etc. Besides the above, he is the author of "History of the Military Monkish Orders of the Middle Ages," and contributions to literary journals and magazines, etc., etc. He was prof. of botany in the med. dep't of the univ. of Nashville in 1856; and prof. of chemistry and natural history in the same institution in 1857; and is now prof. of botany, Tenn. coll. of pharmacy, elected in 1874; and prof. of chemistry, Nashville med. coll., elected in 1877. He was surgeon of the provisional army of Tennessee, 1861; commissioned surgeon of the Confederate army in 1861; med. examiner Confederate States army during 1861, 1862, and 1863; med. purveyor 5th dep't Confederate States army, 1862; med. inspector Confederate States army, 1864, and was at the battles of Chickamauga, Murfreesboro', Atlanta, Cartersville, etc., etc., at the sieges of Richmond and Charleston, and was wounded at Augusta, Ga. During his connection with the Confederate States army he was prominent in his efforts for the introduction of native remedies in hospital and field practice.

WAGGONER, JOSEPH, Ravenna, Portage co., O., was born in Richmond, Jefferson co., O., Dec. 30th, 1821, and reared on a farm—one of twelve children. His paternal ancestors were from Holland, his maternal from England and Ireland. His parents, natives of Delaware and Maryland, emigrated to Ohio in 1805, and were among the earlier pioneers and settlers of that section of the country. He received a common school and also an academic education; then entered upon a course of studies in medicine, under the supervision of Johnson and Henery, of Steubenville, O. He attended lectures subsequently—session of 1846–47—at Cleveland med. coll., and in the course of the latter year began the practice of his profession; date of graduation, Cleveland med. coll., 1865. His first place of settlement was in Deerfield, Portage co., O., April, 1847, where he was occupied as a general practitioner for a period of sixteen years. In 1863 he removed to Ravenna, in the same county, where he now resides. He is a member of the Portage co., O., med. soc., and has filled all the offices in that body; of the Northeastern Ohio chirurgical soc., vice-president; and of the Ohio State med. soc. His contributions to medical literature consist of various essays and society papers. For several months during the late war he was contract surg. at Lincoln hosp., Washington, D. C. He was married in 1862 to Mary M. Regal, of Deerfield, Portage co., O.

POWELL, HUNTER HOLMES, Cleveland, O., son of Colonel H. B. Powell, of Welsh descent, and Ann Holmes (Boyd) Powell, of Scotch-Irish ancestry, was born in Middlebury, Loudon co., Va., Dec. 16th, 1843. He was educated at the Loudon co. agricultural institute, Winchester, Va., and at Bloomfield acad., and attended medical lectures at the Va. med. coll. He graduated in March, 1867. He settled at Winchester in that year, and removed to Cleveland in 1872. He is a member of the Cleveland acad. of

med., and was its president in 1874, and is now a member and one of the censors of the Cuyahoga co. med. soc. He was for three years lecturer on chemistry at the Valley female seminary at Winchester; for the same time lecturer on anatomy and physiology at the Cleveland acad. He is now prof. of diseases of children, and secretary of the faculty at Cleveland med. coll., and has held the position since 1874. He enlisted as a private in the 2d Va. cavalry, Confederate States service, which was attached to Jackson's corps in the summer of 1862, and served during the remainder of the war. He was wounded and captured two days before Lee's surrender, and detained as a prisoner at City Point, in hospital, and at Newport News, till August, 1865. For five years he has been med. examiner of the Traveller's life insurance company of Hartford, and surgeon for the accident dep't; also examiner for several other companies. In June, 1874, he married Emma, daughter of W. B. Baker, Esq., of Winchester, Va.

STILES, GEORGE MITCHELL, Conshohocken, Pa., of English descent, was born in Burlington, N. J. He was educated in the public schools of Burlington, at the Pennington seminary, and at Princeton coll. He studied medicine in the med dep't of the univ. of Pa., from which he graduated March 14th, 1866. He practised for about two years at Flourtown, Montgomery co., Pa., and then settled at Conshohocken, in the same county. He is a member of the Montgomery co. med. soc., of which he was president in 1872; of the Philadelphia acad. of natural sciences; of the Pa. State med. soc.; and of the Am. med. asso. In 1877 he was one of the physicians to the hospital of the Good Shepherd, at Radnor, Delaware co., Pa. He published in the *Philadelphia Medical Times*, of April 4th, 1874, a paper on a case of extra-uterine pregnancy; and in the same journal, of Jan. 5th, 1876, an article on a case of tuberculous kidney.

MORTON, LLOYD, Pawtucket, R. I., was born, Dec. 3d, 1827, in Halifax, Mass., where his father and grandfather, both physicians, lived, practised, and died at a ripe old age. He graduated at Brown univ., Providence, R. I., in 1849, and from the Vt. med. coll. (then at Woodstock) in 1852, filling the position of demonstrator of anat. in that institution during the following year, at the expiration of which he settled in Pawtucket, where he has resided ever since. He is a member of the Mass. med. soc., and of the R. I. med. soc., of which he was elected president in 1872, and again in 1873, and of the Am. med. asso. In 1862 he served as surgeon of the 9th R. I. vols., called into the service of the United States for three months. He is now one of the consult. phys. of the Rhode Island hosp. He married, Jan. 7th, 1857, Mary J. Johnson, daughter of Eliakim Johnson, of Woodstock, Vt.

BANCROFT, FREDERIC JONES, Denver, Col., was born, May 25th, 1834, at Enfield, Conn. He is descended on the paternal side from the Bancrofts and Heaths of Connecticut, and on the maternal side from the Wolcotts and Bissells, early settlers of New England. He was educated at the Westfield (Mass.) acad., and the Charlotteville (N. Y.) seminary, and studied medicine in the med. dep't of the univ. of Buffalo, N. Y., from which he graduated in February, 1861, settling the following April at Blakely, Luzerne co., Pa., where he remained until November of the same year, when he entered the army; on returning from which, at the close of the war, he attended lectures at the univ. of Pa. in 1865–66, and, June 1st, 1866, settled in Denver, Col. His practice is general, though a large portion of it is surgical. Among his notable cases is that of a girl ten years of age, run over by a locomotive engine; in which case he removed the left arm two inches below the elbow, the right arm three inches below the shoulder-joint, and the left lower leg at the junction of the middle and upper third of the tibia, with the result of a rapid recovery. He is a member of the Denver med. soc., of which he was president in 1868; and of the Col. State med. soc. His medical writings relate chiefly to the climate of Colorado, and to questions of hygiene. Since 1868 he has held the office of examining surg. for pensions; was city phys. of Denver from 1872 to 1876; from 1874 to 1876 was president of the board of education of Denver; and in 1876 and 1877 was president of the State board of health. In the civil war he spent four years in the Federal army as ass't surg. and surg.; serving first with the 68th Pa. vols., next with the 76th Pa. vols., and then with the 3d Pa. artillery, of which he was surgeon three years. In the fall and winter of 1861–62 he had charge of Church military hosp. at Harrisburg; and from June, 1863, to December, 1865, was post surg. at Fortress Monroe. He has been president of the agricultural irrigating canal company since 1875; was vice-president of the board of directors of Wolfe Hall, at Denver, in 1875, 1876, and 1877; from 1870 to 1876 was surgeon of the Kansas Pacific and Denver

Pacific railroads; has been surg. of the Denver & Rio Grande railroad since its construction; was surg. in 1877 of the Denver Pacific; is med. referee for the Mutual Benefit life insurance co. of New Jersey, and the New York life insurance co.; and med. examiner for the New York Mutual life insurance co., the Connecticut Mutual life insurance co., the Missouri life insurance co., and other companies. He married, June 20th, 1875, Mary C. Jarvis, daughter of George A. Jarvis, of Brooklyn, N. Y.

WILSON, WILLIAM G., Shelbyville, Ill., was born in Harford co., Md., Jan. 21st, 1827, son of Dr. Joshua Wilson, a practitioner in Harford co. He acquired his preliminary education in his native county, and at the Hallowell school, in Alexandria, Va. He commenced the study of medicine under the instructions of his father, and graduated in 1852 from the med. dep't of the univ. of Md. He then engaged in the practice of his profession in Harford county and in the county adjoining until 1855, when he removed to Missouri, and settled in St. Charles county, where he remained during the ensuing three years; he subsequently practised in Green county, in the same State, until 1862; he then returned to Maryland on a visit, which was extended to 1864, when he moved to Shelbyville, Ill. He has been president of the Shelby co. med. soc., and is a member of the district med. soc. of central Illinois. He was married in 1867 to Frances A. Lee, of Harford co., Md.

BRINTON, DANIEL GARRISON, Philadelphia, born in Chester co., Pa., May 13th, 1837; graduated at Yale coll. in 1858; and M. D. at Jefferson med. coll. in 1861. After spending about a year in Europe he returned and entered the army as acting ass't surg., Aug., 1862. Commissioned surg. of U. S. vols., Feb., 1863, he reported to the army of the Potomac, was assigned to duty as surg.-in-chief 2d division 11th army corps, with which he was present at Chancellorsville, Gettysburg, and in a number of minor engagements. In September he was sent with his corps to Chattanooga, and participated in various engagements as medical director 11th army corps, to which he had been appointed Oct., 1863. A sunstroke, received directly after the battle of Gettysburg, disqualifying him for field service, he was appointed sup't of hospitals at Quincy and Springfield, Ill., where he remained until he was discharged with the rank of brevet lieut.-col., Aug., 1865. In 1867 he became assistant editor of the *Philadelphia Medical and Surgical Reporter*, and subsequently its editor; also editor of the *Half-Yearly Compendium of Medical Science*, which positions he still occupies. In his editorial position he has contributed much to medical periodical literature, and has also written a variety of works on historical, antiquarian, and philosophical subjects. Among his principal productions the following may be mentioned: "The Floridian Peninsula: its Literary History, Indian Tribes, and Antiquities," Philadelphia, 1861; "The Shawnees and their Migrations," *American Historical Magazine*, 1866; "The Myths of the New World, a Treatise on the Symbolism and Mythology of the Red Race of Americans," New York, 1867; "MSS. in the Languages of Central America in the Library of the American Philosophical Society," *American Journal of Science*, 1868; "Guide-Book to Florida and the South," Jacksonville, 1869; "The National Legend of the Chahta-Muskokee Tribes," *American Historical Magazine*, 1870; "The Phonetic Alphabet of Yucatan," *ibid.*, 1870; "The Arawack Language of Guiana in its Linguistic and Ethnological Relations," Transactions of the Am. philosoph. soc., 1871; "Contributions to a Grammar of the Chahta-Muskokee Dialects," Proceedings Am. philosoph. soc., 1872; "The Religious Sentiment: a Contribution to Science and Philosophy of Religion," New York, 1876. He is also one of the authors of the eclectic series of geographies, published in Cincinnati, and has edited "Naphey's Therapeutics," and various other medical works.

ORDRONAUX, JOHN, Roslyn, Queens co., N. Y., graduated from the National med. coll., Washington, D. C., in the spring of 1859, and has also had conferred upon him the degree of LL. D. He is the State commissioner in lunacy of N. Y.; a member of the Queens co. med. soc.; of the N. Y. State med. soc. He is the author of many papers, etc., among which may be mentioned "The Jurisprudence of Medicine in its Relations to the Law of Contracts, Torts, and Evidence, with a Supplement on the Liabilities of Vendors of Drugs," pp. 310. Is prof. of med. juris. in the law school of Columbia coll., N. Y., and in med. dep't Dart. coll.

COWLING, RICHARD OSWALD, Louisville, Ky., son of J. V. Cowling, of Georgia, and Sarah (James) Cowling, born near Georgetown, S. C., April 9th, 1839, educated in private schools of Louisville, Louisville high school, Trinity coll., Hartford, whence he graduated A. B. in 1861, and A. M. in 1865; studied medicine at the Jefferson

med. coll.; graduated in March, 1867, and settled in Louisville. He received the *ad eundem* degree from the Louisville univ. in 1870; passed the year 1871 in London, Vienna, and Paris. He is a member of the Am. med. asso., of the Ky. State med. soc., and of the Louisville coll. of phys. and surg. He is the author of papers in *American Practitioner*, *New York Medical Record*, *Archives of Clinical Surgery*, *Philadelphia Medical and Surgical Reporter*, and *Richmond and Louisville Medical Journal*. He is also founder and editor of the *Louisville Medical News*, a weekly, in 1876. He was demons. of anat. in the univ. of Louisville, 1868 to 1873; adjunct prof. of surg., 1870 to 1873; and prof. of surgical pathology and operative surgery since 1873; from 1867 to 1871 he was surg.-gen. of Ky. He married, in Sept., 1867, Mary, daughter of Col. Samuel B. Churchill.

BURROUGHS, FRANCIS V., Manston, Wis., was born in Scott county, Ill. He graduated from Bellevue hosp. med. coll., New York, in March, 1869, and settled first in New Lisbon, Juneau co., and afterwards removed to Manston, in the same county. He is a member of the Wis. State med. soc., of the Columbia co. med. soc., and of the Juneau co. med. soc., of which he was first president in 1872. He served as a volunteer in the Union army during three and a half years of the war of the rebellion, having entered as private; a part of the time he was hospital steward. He is married.

WILLIAMS, HENRY WILLARD, Boston, Mass., son of Willard Williams and Elizabeth (Osgood) Williams, born in Boston, Dec. 11th, 1821, was educated at Boston and Salem, Mass. He was engaged in business from the age of sixteen to twenty-three, when he commenced the study of medicine, and graduated M. D. from Harvard univ. med. dep't in 1849. He subsequently, in 1868, received the honorary degree of A. M. from the same institution. He settled in Boston in the practice of ophthalmology. He is a fellow of the Am. acad. of arts and sciences; fellow of the Am. asso. for the advancement of science; member of the soc. of arts of the Mass. institute of technol.; member of the Boston soc. of natural history; fellow of the Mass. med. soc.; hon. fellow of the R. I. med. soc.; hon. fellow of the N. H. med. soc.; corresponding fellow of the medico-chirurg. soc. of Edinburgh; member of the Heidelburger ophthalmologisches gessellschaft; member of the Am. ophthalmo. soc., and for several years its president; member of the Boston soc. for med. improvement; member of the Boston soc. for med. observation; member of the Suffolk district med. soc., and has been its secretary and president; vice-president of the International ophthalmo. congress, held in London in 1872; chairman of the asso. of phys. and surg. of Boston city hosp.; and trustee of the Boylston med. prize fund. He is the author of "A Practical Guide to the Study of Diseases of the Eye," 4th edition, Boston, 1873; "Recent Advances in Ophthalmological Science," Boylston prize essay, 1865; "Our Eyes, and how to Take Care of Them," 1871; address before the Suffolk district med. soc., 1853; "Treatment of Iritis without Mercury," 1856; "Optical Defects in School Children," 1868, etc. He is prof. of ophthalmology in Harvard univ., surg. to the Boston disp., and ophthalmic surg. to city hosp., Boston.

LYON, EDWARD, Williamsport, Pa., son of Dr. Thomas Lyon, whose mother was a granddaughter of Dr. Joseph Priestly, born in Williamsport, Nov. 7th, 1846, educated at Phillips Exeter acad., at the Pa. military acad., West Chester, at Dickinson coll., and at the univ. of Pa.; graduated from the latter M. D. in 1867. He remained at Philadelphia one year after graduating, attending hospitals, etc. He then settled at Cogan Station, Pa., and after remaining there two years returned to Philadelphia, where for a year he was a student. He finally settled in Williamsport in the general practice of medicine and surgery, and in the latter branch has performed nearly all the operations. He is a member of the Pa. State med. soc., and of his county society; is now president, and has held all the other offices of the latter. He is jail phys., and surg. of 12th reg. national guards. He is married.

PATTEN, SUMNER A., Monson, Me., born at Skowhegan, Me., Dec. 6th, 1820, was educated at Bloomfield acad., Me. Wesleyan seminary; also in medicine at the Harvard univ. med. school, whence he graduated M. D. in 1848. He settled first at Shirley, Me., then removed to Searsport, Me., and then to Monson. He is a member of the Me. med. asso. He is the author of a report of the board of enrolment 4th district Maine, published in the "Statistics, Medical and Anthropological, of the Provost-Marshal General's Bureau;" also a paper upon "Typhoid Fever," Transactions Me. med. asso. He was for two years, 1868 and 1869, a member of the senate of Maine; was for a time during the war surg. of the 1st Me. cavalry, and from May, 1863, to July, 1865, surg. of the board of enrolment of 4th district of Maine.

BOWLES, THOMAS J., Muncie, Ind., of German and English ancestry, born in Milroy, Ind., July 24th, 1836, educated at a high school in Fairview, Ind., studied medicine at the Ohio med. coll., and graduated in 1867. He subsequently attended lectures in New York and Cincinnati. He practised as an undergraduate at Blountsville, Ind., over eight years, then removed to Knightstown, and after being there over four years, to Muncie, all in the same county. He is a member of the Ind. State med. soc.; of the Delaware district med. soc., and of the Delaware co. med. soc.; and has several times been both vice-president and president of the last two. He was married in 1860.

FABER, REUEL, Logansport, Ind., born in Sheffield, Berkshire co., Mass., May 5th, 1816, was educated at Homer acad., Cortland co., N. Y., and studied medicine in the univ. of the city of New York, in the catalogue of the graduates of which institution his name is entered as Reuel "Smith," he having subsequently Latinized it to Faber, and graduated M. D. from that institution in 1843. He settled at Logansport in general practice. He is a member of the Ind. State med. soc.; of the Cass co. med. soc., of which he was president in 1876, and treasurer in 1877. In Oct., 1851, he married Janet, daughter of Oliver R. Strong, Esq., of Syracuse, N. Y.

CURTIS, CHARLES R. S., Quincy, Ill., was born in Mount Vernon, O., Aug. 29th, 1831. His education was obtained at the high school in Mount Vernon. When about twenty Mr. Curtis became a pupil of John F. Sanford, of Keokuk, Iowa, and also at that time prof. of surgery in the med. dep't of the Iowa State univ. At this institution he matriculated, and received his degree in 1854. In the winter of 1854–55 he took a course of lectures at New York med. coll., from which he received a diploma. He then practised in Chicago for seven years, performing, during that period, an operation noticed in "Gross' Surgery," vol. ii. This operation—"Extirpation of the Clavicle"—had only been performed twice. In 1862 he removed to Clarksville, Mo., and practised until 1865, when he became associated with Dr. Sanford at Keokuk; where, however, he only remained for a year. In the spring of 1866 he located in Quincy, Ill., and has practised chiefly as an oculist and surgeon. Among his operations may be mentioned the successful removal of the entire superior maxillary bone, with part of the palate and molar bones, and the pterygoid processes of the sphenoid up to its base. He has for the past eight years acted as surg. to St. Mary's hosp. in Quincy. He was married, on June 14th, 1864, to Elizabeth Jennings, of Mount Vernon, O.

FISHER, ALBERT WEISER, Toledo, O., was born in Sunbury, Northumberland co., Pa., of American parentage and pure Anglo-Saxon ancestry. He received his education in the high school and academy of his native place, and after leaving school he spent several years in the drug business. He studied medicine with Dr. Jacob B. Masser, graduating in 1861 from the Jefferson med. coll. of Philadelphia. In the month of October, in the same year, he was appointed ass't surg. of the 57th reg. Pa. vols. He remained with the regiment during McClellan's campaign in West Virginia, after which he resigned and left the army. In Nov., 1862, he removed to Toledo, O. On Jan. 1st, 1875, he was elected to the position of health officer for the city, and was re-elected in Jan., 1876. He is a member of the Ohio State med. soc. He was married, March 26th, 1861, to Mary E. Wise, of Sunbury, Pa.

LYON, CHARLES L., Montoursville, Pa., of English parentage, was born near Muncy, Lycoming co., Pa., Aug. 24th, 1821. He was educated at West Chester, and also at Dickinson coll., Carlisle, Pa., and graduated in medicine from the Jefferson med. coll., Philadelphia, in March, 1842. He settled in Williamsport, Lycoming co., Pa., and in 1849 removed to the neighborhood of Montoursville, where he has since pursued a general country practice. He is a member of the Lycoming co. med. soc., and has been its censor and president. In 1862 he was appointed enrolling officer and commissioner of draft In 1848 he married Mary V., daughter of Judge Anthony. She died in 1868. In June, 1870, he married Elizabeth, daughter of Dr. H. Shoemaker. She died in 1871.

BARNES, IRA NORTON, Decatur, Ill., was born at Claremont, N. H., on Dec. 19th, 1829. His father, Ira Norton Barnes, was a New England farmer. The mother of Dr. Barnes, Harriet Eastman Barnes, was a member of the old Eastman family from which sprung Daniel Webster and other distinguished characters. When Dr. Barnes was only three months of age, his father died. After obtaining a good education in the academies of his native town and of Springfield, Vt., he began the study of medicine and pharmacy with W. M. Ladd, M. D., of

Claremont. He remained in the drug store of Dr. Ladd several years. After two years at Kimball union acad., he entered Dartmouth coll. in 1851, and graduated A. B. in 1855. The following year was spent in the drug business with his brother, Dr. W. A. Barnes, at Decatur, Ill. He then removed to Jackson, Miss., where he taught a select school and read medicine with Dr. S. C. Farrar. In 1858 he received the degree of A. M. from Dartmouth coll., and attended his first course of medical lectures at Hanover, N. H., and continued his medical studies under the tuition of Prof. Dixi Crosby. In the autumn of 1859 he matriculated at the Jefferson med. coll., and graduated therefrom in 1862. Locating at Decatur, Ill., he formed a partnership with Dr. E. W. Moore. In 1863 he was appointed and commissioned as surg. of the 116th reg. Ill. vols. In 1864 he was appointed surg.-in-chief of the 2d division, 15th army corps, and in 1865 was placed in charge of the division hosp. After the close of the war he resumed his practice in Decatur with his former partner, Dr. E. W. Moore. He is a member of the State med. soc., and also of the med. socs. of the county and city in which he resides. On Sept. 25th, 1861, he was married to Diantha G. Sargent, of Claremont, N. H.

REEDER, ISAAC H., Lacon, Ill., was born in Montgomery co., O., in 1824. His father, Jacob Reeder, was of German origin; his mother, Frances (Crane) Reeder, is a descendant of the old Scotch Presbyterians. They came to Illinois at an early date, settling ultimately in Lacon, the county-seat of Marshall co. His education was acquired at the Northwestern univ. of Chicago, whence he entered subsequently the Rush med. coll., graduating from that institution in the spring of 1852. Commencing practice in McLean co., he remained there during the ensuing eighteen months, and at the expiration of this time returned to his home at Lacon. In 1862 he entered the service of the U. S., enlisting as surg. in the 10th reg. Ill. inf., and in connection with that body served through the war; then after quitting the field, returned to practice in Lacon. He prefers surgery. He is a member of the Ill. State med. soc., and also of the Marshall co. med. asso., and has served as president of this institution. He was married in 1850 to C. D. Lucas, of Bloomington, Ill.

BRODIE, WILLIAM, Detroit, Mich., of Scotch parentage, born at Fawley Court, England, July 28th, 1823, was educated at Brockport coll. institute, Brockport, N. Y.; studied medicine at the Berkshire med. coll., Pittsfield, Mass.; at the Vt. med. coll., Woodstock, Vt.; and at the coll. of phys. and surg., New York city. He graduated at the latter in March, 1850, and settled in Detroit. In 1854 he was elected a member of the Am. med. asso.; is a member of the Mich. State med. soc.; its secretary, or vice-president in 1851, and its president in 1875; of the Am. dermatolog. soc.; hon. member of the Ohio State med. soc., etc. He has contributed various articles in medical journals to the literature of his profession. In 1861, for a period of three months, he was surg. of the 1st Michigan inf., and subsequently brigade surg. U. S. army. In 1855 and 1856 he was an alderman in Detroit. He married, Nov., 1851, Jane Whitfield, of West Bloomfield, Mich.

THOMPSON, CHARLES KIMBALL, Wellsboro', Tioga co., Pa., was born in that place, April 22d, 1821. He was educated at Wellsboro' acad., and studied medicine with Dr. O. L. Gibson, of Wellsboro', and also at the Geneva med. coll., graduating from that institution in Jan., 1847. He settled at Wellsboro' in general practice. After being here for nine years he retired to a farm for rest from the arduousness of his professional labors, which had injured his health. Here, however, he continued his professional duties, but more moderately. He was a member of the Mass. med. soc. from 1853 to 1873; is now a member of the Pa. State med. soc., and has been for two years its censor; of the Elmira, N. Y., acad. of medicine; and of the Tioga co. med. soc., and has been president, vice-president, secretary and censor of the same. His medical writings have been in the shape of essays read before medical societies, and a few articles contributed to medical journals. He was in the army of the Potomac, 3d brigade, 1st division, 5th corps, in front of Petersburg, and at Five Forks, Appomattox, etc.; was contract surg. after the conclusion of the war (acting ass't surg., freedman's bureau), at Beaufort; and was subsequently stationed at Edisto island and Charleston until May, 1866.

WEBSTER, JOHN R., Monmouth, Ill., was born in Lancaster co., Pa., July 18th, 1835. His father, Samuel Webster, a physician, removed to the northwest, establishing himself in Monmouth, Ill., where he practised until his decease, in 1858. His mother was Deborah (Kirk) Webster. He was educated primarily in an academy located in Juniata co., Pa., and commenced the study

of medicine under the instructions of Dr. D. B. Rice, at Monmouth, Ill. He matriculated at the Rush med. coll., graduated from that institution in 1858, and began practice in Monmouth. In the winter of 1864 he attended a course at the Jefferson med. coll., from which institution he subsequently took a degree. In 1865 he associated with him in practice Dr. L. K. Crawford. He is a member of the Am. med. asso.; of the Ill. State med. soc.; and also of the Military Tract med. asso. He was married in 1859 to S. J. Nye, of Illinois.

WHITNEY, JAMES ORNE, Pawtucket, R. I., of Puritan stock, was born, March 2d, 1823, in Attleboro', Mass. He was educated at the North Attleboro' acad., and graduated from the Berkshire med. coll. in November, 1845. He first settled at Central Falls, R. I., whence he removed to Pawtucket. In November, 1865, he treated a woman who had invagination of the large bowel to the degree of one inch and a half, effecting her recovery, with the malposition still existing, as the woman herself is at this date; and in June, 1873, he twice aspirated a dilated left kidney, congenital and recurring, with the result of a perfect cure. He is a member of the Providence med. asso.; of the R. I. med. soc.; and of the Mass. med. soc. He has published a paper, in the *Boston Medical and Surgical Journal*, on "Puerperal Convulsions," recommending free bleeding and purgation as the best mode of treatment; and also a paper on "Empyema," advocating free and permanent opening; and in February, 1874, he read before the Providence med. asso. a paper on "Hydro-Nephrosis," as at another time he read one on "Obstructions of the Bowels." He has been a member of the school committee of Smithfield. He married, April 24th, 1850, Elizabeth S. Miller, of Pawtucket, R. I.

BROWN, HAWKINS, Hustonville, Ky., son of Ellis W. Brown and Elizabeth (Carter) Brown, his second wife, was born in Lincoln co., Ky., Nov. 12th, 1832. He graduated in medicine from the univ. of Louisville in 1854, and settled in Hustonville. He is a member of the Lincoln co. med. soc.; of the central Ky. med. soc.; of the med. asso. of the State of Kentucky; and of the Am. med. asso.; he was president of the central soc. in 1871. He entered the military service as surg. 1st Ky. vol. cavalry in 1862; then in U. S. army, in charge of a cavalry brigade, under Edward McCook; afterwards in charge of a division commanded by Gen. Sturgis; and then of a cavalry corps under Stoneman, with whom he was taken prisoner in 1864, and was placed under fire at Charleston, S. C.

WOODWARD, ADRIAN THEODORE, Brandon, Vt., of English ancestry, born in Castleton, Vt., July 17th, 1827; educated at a seminary in Castleton; graduated from Castleton med. coll. in 1847, and settled first in Whitehall, N. Y., where he remained four years; then in Castleton, where he remained nine years; and finally in Brandon in the practice of gynæcology. He is a member of the Vt. State med. soc., and was its president in 1858. He has published articles on "Cerebro-Spinal Meningitis;" on "Metritis;" on "Uterine Sound and Uterine Pessaries," etc., etc. He is prof. of obstetrics and gynæcology in the Castleton med. coll., and prof. of surgical diseases of women in the univ. of Vt. During the war, in 1863, he was surg. of the 14th reg. Vt. State militia—nine months' men. He has been married twice—the first time in 1850; the second time in 1855.

BURR, HORACE, Wilmington, Del., the seventh in descent from Benjamin Burr, one of the original colonists of Hartford, of English ancestry, was born at Haddam, Conn., Dec. 13th, 1817. His early education was at a common school, and his medical education was obtained at New Haven, where he graduated in June, 1842. He settled first in Middlesex co., Conn., but by reason of his health being impaired he removed, in 1868, to Wilmington, Del. His practice is general. Among the incidents of his career was the successful treatment and cure of a man who had been gored by a bull with a blunt horn, and which laid open the abdomen from one iliac bone to the other, permitting the intestines to depend to the knees. He was a member of the Conn. med. soc., and for two years med. examiner at Yale coll. He was one year a member of the Connecticut legislature. In December, 1847, he married Louisa N. Hungerforth.

KING, DAVID, Newport, R. I., son of Dr. David King, of that place, was born at Newport, May 12th, 1812. He graduated A. B. from Brown univ. in 1831; studied medicine with his father, and at the Jefferson med. coll., Philadelphia, and received his degree of M. D. in 1834. He settled at Newport, where he soon established a large practice. He visited Europe in 1850, and availed himself of the advantages of the hospitals of Dublin, London, and Paris, returning in 1851; and repeating his visit in

1872 spent two years, during which he surveyed accurately the hospitals of Edinburgh, Glasgow, London, Paris, Rome, and Vienna. At an early period of his career he gained three prizes offered by the trustees of the Fiske fund, connected with the med. soc. of R. I., viz.: In June, 1836, on "Purpura Hæmorrhagica," 8vo., Boston, 1837; June, 1837, on "Cholera Infantum," 8vo., Boston, 1837; and in June, 1839, on "Erysipelas," 8vo., Boston, 1840. He was elected a member of the R. I. med. soc. in 1834; has been president, and is now censor of that society. Besides his contributions to medical literature above mentioned he has delivered three anniversary addresses before the R. I. med. soc. He is president of the Newport historical soc.; was early connected with the Newport associate soc., instituted in 1831, with the intention of making it one of a series of local societies; and has been for ten years president of the Redwood library. His literary and historical tastes have led him to collect a library consisting of many thousand rare books, said to be one of the finest collections in Rhode Island. In it is the unique copy of the first book which issued from Bradford press, Philadelphia, in 1686. In September, 1837, he married Sarah Gibbs, daughter of Rev. Dr. Wheaton, of Newport. One of his sons, Theodore Wheaton King, fell at the first battle of Manassas.

CLARK, CHARLES C. P., Oswego, N. Y., of Connecticut ancestry, was born at Tinmouth, Vt., March 20th, 1822. He was educated at Middlebury coll., Middlebury, Vt., whence he graduated in 1843, and studied his profession at the coll. of phys. and surg., New York, receiving his degree of M. D. in 1847. He practised in Middlebury four years, and since that time in Oswego. He is the author of a paper on the "Management of the Obstetrical Forceps," published in the Trans. of the N. Y. State med. soc., and of others contributed to the *Boston Med. and Surg. Jour.*, *N. Y. Record;* "The Commonwealth Reconstructed." He was for two years collector of customs at Oswego. He married Mary B. Hodge, of Rutland, Vt.

PURPLE, SAMUEL SMITH, New York, seventh in descent from Edward Purple and Hannah (Ackley) Purple, who settled in Haddam, Conn., in 1674, and more remotely of Christopher Purple, of the county of Essex, in England, 1580–1605, son of Deacon Lyman Smith Purple, of Chemungo co., N. Y., and Minerva (Sheffield) Purple, was born in Lebanon, Madison co., N. Y., June 24th, 1822. His early education was received at the district school in the village of Earlville, Chemungo co., to which place he had removed. In 1841 he began the study of medicine under Dr. David Ransom, and continued it at the Geneva med. coll., and in the univ. of the city of New York, graduating M. D. from the latter in March, 1844. He is a general practitioner. In 1852 he was elected honorary member of the med. soc. of the State of New York; in 1853 corresponding member of the epidemiolog. soc. of London; and from 1867 to 1871 was president of the alumni asso. of the med. dep't of the univ. of the city of New York. In 1872 he was elected vice-president of the New York acad. of med., and after holding that position for three years was elected its president in 1875. He was re-elected in 1877 The following are among his contributions to medical literature: "Menstruation: its True. Nature and Office," 1846; "Corpus Luteum: its Value as Evidence of Conception,' 8vo., New York, 1846; on "Acrania, Brainless, or Pseudencephalous Monsters," 8vo., New York, 1851; "Contributions to the Practice of Midwifery and Forensic Medicine," 8vo., New York, 1853; "Observations on the Remedial Properties of Simala Cedron," 8vo., New York, 1854; "Observations on Wounds of the Heart, and their Relation to Forensic Medicine," 8vo., New York, 1855; "Medical Libraries: President's Address," before the New York acad. of med., January, 1877. From 1848 to 1857 he was editor-in-chief of the *New York Journal of Medicine.* He has collected a library second to none in the special departments of literature to which it is devoted. The department, which was chiefly remarkable for its complete series of American medical periodical literature, and as embracing a very thorough history of medicine in this country from its first settlement to the present time, he has recently given to the New York acad. of med. It is also rich in local, town, county, and family histories, and genealogies. From 1844 to 1847 he was phys. to the New York lying-in asylum; from 1846 to 1849 to the New York dispensary; ward phys. during the cholera epidemic, in New York, in 1849, and examining surg., N. Y. State dep't, 1862.

DEANE, ADAM C., Greenfield, Mass., was professionally educated in the med. dep't of the univ. of New York, from which he received his degree in 1849. He became a member of the Mass. med. soc. in 1852; is a member of the Franklin district med. soc., of which he is a councillor; of the Mass. med. benevolent soc., of which he is one of the trustees.

KNAPP, CHARLES, Ferdinand, Ind., son of Dr. Charles Knapp, late of Booneville, Ind., was born Dec. 21st, 1845. He was educated in the public and private schools of New Albany, Ind., and studied medicine at the Rush med. coll. and the Bellevue hosp. med. coll., graduating March 1st, 1870, and settling in Ferdinand, Ind. He is a member of the Dubois co. med. soc., of which he was elected treasurer May 9th, 1876, and secretary May 8th, 1877; and of the Ind., Ky., and Ill. Tri-State med. asso. He contributed to the Cincinnati *Lancet and Observer* for 1876 a paper on "Puerperal Convulsions," and to the same journal for 1877 a report of a case of tracheotomy.

MICHEL, CHARLES E., St. Louis, Mo., born in Charleston, S. C., May 9th, 1833, educated in literature at Charleston coll., and in medicine at Charleston med. coll.; graduated from the latter in March, 1857, and settled in St. Louis; he subsequently spent three years in the hospitals of Paris in the further study of his profession, more particularly surgery; he has also made a specialty of diseases of the eye. He is a member of the St. Louis medico-chirurg. soc., is prof. of ophthalmol. and histol. in the Mo. med. coll., and consult. phys. to the St. Louis hosp., and during the civil war was a surg. of the Confederate States army in the field with Hardee and Johnson, also surg. in charge of hosps. for two years. In Oct., 1873, he married Celeste Nidelet, of St. Louis.

CRAWFORD, SAMUEL KNOX, Monmouth, Ill., was born in Millersburg, Holmes co., O., Jan. 22d, 1835. His father, Hugh B. Crawford, a lieutenant in the war of 1812, was a native of Westmoreland co., Pa., descending from Irish and Scotch ancestry. His mother, Rebecca Knox, a Pennsylvanian, was a lineal descendant of the old Knox family of Scotland. He was educated at the Fredericksburg, O., high school; he finished the junior year and was ready to enter the senior class of the univ. of Mich., when he began to study medicine under Timothy H. Baker, M. D., at Wooster, O. He attended one course of lectures at the Starling med. coll., at Columbus, O.; another at the med. dep't of the univ. of Mich., and from this institution took his graduating degree of M. D. in 1861. In the summer of this year he received clinical instruction under Drs. Flint and Clark, at Bellevue hosp., New York, and spent the ensuing winter at Philadelphia in attending a course of lectures at Jefferson med. coll. In Jan., 1862, he succeeded Dr. Thomas McEbright in practice at Millersburg. In May of that year he was examined at Columbus, and made surg. of Ohio vols. Reporting at Cincinnati for duty, he was assigned as med. director of the hospital steamer, "Sunny Side," and on this vessel made two trips to Pittsburgh Landing. He was then constituted surg. of the 50th Ohio vol. infantry, organized at Camp Dennison, O., and served in this capacity until a short time prior to the conclusion of the war, when its remnant was consolidated with a remnant of the 99th Ohio vol. infantry; he was then assigned as staff surg. U. S. vols., and was detailed as chief of the operating board for the second division of that corps. He served in this position until 1865, being then detailed as staff surg. to Brigadier-General Joseph T. Cooper, serving thus until the 26th day of April, 1865. Upon his return from the field he moved west, and July 20th of the same year settled in Monmouth, Ill., where, on Nov. 2d of the same year, he was married to Maria Irvine, youngest daughter of the late Rev. Samuel Irvine, D. D., of Fredericksburg, O. He is a member of the Warren co., Ill., med. soc., of the Military Tract med. soc., of the Ill. State med. soc., and of the Am. med. asso. He is lecturer on anatomy, physiology, and hygiene in Monmouth med. coll.

SIMINGTON, ROBERT S., Danville, Pa., of Scotch-Irish parentage, born in Lycoming co., Pa., May 10th, 1831; educated at Lewisburg, Pa.; graduated in medicine from the univ. of Pa. in 1854, and settled in Danville. He is a member of the Montour co. med. soc., of which he was president in 1877, and of the Pa. State med. soc. He received a surgeon's commission in 1861; he is now associate judge for Montour co.

MCDOWELL, WILLIAM M., Canton, Ill., was born in Danville, Montour co., Pa., Nov. 11th, 1820. His parents were Dr. John McDowell and Margaret (Montgomery) McDowell. His father was professionally occupied during a period of fifty-two years. His grandfather was for a time prof. of Latin and Greek at the univ. of Pa., after graduating in the med. dep't of that institution. He practised for many years in Chambersburg, Pa. His grandfather's brother, John McDowell, LL. D., was a lawyer of eminence, also at one time provost of the univ. of Pa., and a warm friend of General Washington. William's preparatory education was acquired at the Marshall coll., Mercersburg, Pa., and in 1839 he entered upon a course of medical studies under his father. He matriculated at

the univ. of N. Y., graduating from this institution in the class of 1843, and commenced to practice in Mercersburg, where he resided during the ensuing two years. At the expiration of that time he removed to Republic, O. Eventually he established himself in Canton, Ill., in 1847. He is a member of the Canton co. med. soc., and was chosen to fill the presidential chair of this association upon its organization; also of the Canton City med. soc. He was married in 1849 to Malvina S. Tyler, of N. Y. State.

HODGEN, JOHN T., St. Louis, Mo., is prof. of surg. anat. and of fractures and dislocations in the St. Louis med. coll., holding also the position of dean of the faculty, and is professor of clinical surgery at the city hosp. He is a member of the med. soc. of St. Louis, and of the Am. med. asso. From the latter body he was delegate to the International med. congress in Philadelphia in 1876, where he read a paper on "Antiseptic Surgery" before the section on surgery. In 1877 he read a paper before the Am. med. asso. on "The Value of Extension in the Treatment of Fractures of the Femur."

CARPENTER, JOHN T., Pottsville, Pa., son of Dr. James S. Carpenter, ex-president of the Pa. State med. soc., and Camilla (Sanderson) Carpenter, daughter of John Sanderson, prof. of belles-lettres in Philadelphia high school, born in Pottsville, Pa., Jan. 27th, 1833, graduated from the Pottsville acad.; also B. A. from the univ. of Pa. in 1852, and M. D. from the same institution in 1855, and settled in Pottsville. He is a member of the Schuylkill co. med. soc., Pa. State med. soc.; was president of the former in 1876, and secretary of the latter in 1860. His contributions to medical literature have been, among others, on "Diseases of Miners," Transactions of med. soc. of Pa., 1869, and on "The Identity of Hospital Gangrene with Diphtheria," to be read before the surgical section of the Am. med. asso. in 1878. At the organization of the State forces he was appointed surg. of Pa. State militia in charge of Camp Curtin, and commissioned April, 1861. He subsequently entered the U. S. service, and served under McClellan in West Virginia until the battle of Bull Run. After passing an examination at Washington he was appointed at the head of the list of brigade surgeons, and commissioned Sept., 1861. He afterwards acted as med. director of various districts and departments for two years, being in charge of U. S. hosps. at and around Cincinnati, O.; was made president of the army med. board for the examination of candidates for the position of surgeon; also served as med. inspector to Ass't Surg.-Gen. R. C. Wood, and resigned at the close of 1864. He married Dec. 4th, 1855.

COTES, LEVANT BALLARD, Batavia, N. Y., of early English ancestry, was born in Otsego co., N. Y., July 15th, 1801. His early education was under private tutors and at academies, principally Fairfield acad., N. Y. He also entered the coll. of phys. and surg. of western N. Y.; also at Fairfield, and graduated in the winter of 1826, settling in Batavia in general practice, which has been largely surgical and obstetrical. Diseases of women generally, and of children have also been his specialties. He has been for fifty years a member of his county med. soc.; is permanent member of the New York State med. soc., elected in 1860; and of the Am. med. asso., elected in 1856. He has contributed papers on medical subjects to the local and State societies, and also reports of cases, among the latter being one on a case of "Urethrocele, Complicated with Disease of Bladder and Kidneys."—(The patient was about to succumb to the complaint, when he opened the bladder at the trigone space, and established a permanent fistula until all vestige of the disease had disappeared.)—Published in the Transactions of the New York State medical society for 1874. Through his instrumentality in bringing before the State society the necessity of establishing a commission in lunacy, such a commission was established by the legislature. He has been curator of the med. dep't of the Buffalo univ. for twenty years; was formerly postmaster of Batavia, and for five years has been examining surg. for pensions. He married in 1827; his wife died in 1872.

BUCK, WILLIAM, Foxcroft, Me., was born in Hodgdon, Me., Aug. 15th, 1833; educated at Foxcroft acad.; graduated from the med. school of Me., at Bowdoin coll. in 1859. He settled first in Harmony, Somerset co., Me., in 1860, and removed to Foxcroft in 1865. His practice is general; in surgery he has performed many of the more important operations, amputations, ligations, resections, etc. He is a member of the Me. med. asso. In July, 1862, he was commissioned ass't surg. 6th reg. Me. vols.; promoted to be surg. in 1863, and remained with his regiment serving in the field till their time of service expired. He is now examining surg. for pensions, and has been since 1869. He has held nearly all the civic offices; he has been twice treasurer, and represented his district in the legislature in 1877. He is married.

MURPHY, JOHN HENRY, St. Paul, Minn., of Irish and German descent; born in New Brunswick, N. J., Jan. 2d, 1826; educated at Quincy, Ill.; graduated from the Rush med. coll., Chicago, in 1850, and located first at St. Anthony's Falls, and removing to St. Paul in 1854. He is vice-president of the Minn. State med. soc. He was surgeon of the 4th reg. Minn. vols. at the beginning of the war of the rebellion, and subsequently division surg. till its close. For the last eight years he has been surgeon-general of the State of Minnesota; is president of the board of pension surgeons; president of the St. Paul board of education; was member of the State constitutional convention, and has been of the State legislature. In 1849 he married Mary A. Hoyt.

GRAY, JOHN C., Mount Vernon, Ill., was born in Greensburg, Green co., Ky., April 23d, 1817. His parents, Dr. William Gray and Kittie (Winn) Gray, were natives of the same State. His earlier education was acquired in the common school of his native place, and also in the academy at Winchester, Clark co., Ky. On leaving school he engaged in merchandising in Kentucky for a period of two years, and then removed successively to Sangamon and Adams cos., in Illinois, and finally to St. Louis. While in Kentucky he commenced the study of medicine, and in St. Louis entered the med. dep't of the Kemper coll., ultimately graduating from that institution. He was subsequently appointed adjunct to the prof. of anatomy, and the year following adjunct to the prof. of chemistry in the same college, occupying the latter position during the winter of 1841–42. He then removed to Mount Vernon, Jefferson co., Ill., where, excepting a period of three years passed in California, he has since resided. He devotes his attention chiefly to the treatment of the diseases of women and children. He was the president of the Southern med. asso., holding the position for years after the organization of the institution. While in St. Louis he graduated at the law school there. He was married in 1837 to Juliana Lovett, of Bond co., Ill., who died several years ago. He was again married in 1861 to Sarah A. Green, daughter of Dr. Duff Green, of Danville, Boyle co., Ky.

COOK, ARCHIE BROWN, Louisville, Ky., of Irish extraction, son of John Cook, of Allegheny co., Pa., was born in Noblestown, Allegheny co., Pa., Sept. 23d, 1828. He was educated at Jefferson coll., Cannonsburg, Pa., from which institution he received the degree of A. B. in 1848, and A. M. in 1851. He had previously, however, spent some time at an academy in Wheeling, Va. After being occupied a short time in teaching in Jefferson co., Ky., in 1849, he began the study of medicine under Dr. E. D. Forée, of Louisville, and completed his preparatory studies under Dr. J. A. Glenn, of Sharpsburg, Pa. In 1851 he attended lectures at the coll. of phys. and surg., New York, and afterwards at the Ky. school of med., Louisville, from which he graduated in the spring of 1853. He first settled in New Castle, Henry co., Ky., removing to Louisville in 1854. He has successfully performed operations for ovariotomy and lithotomy; also has reduced dislocation of the hip-joint by manipulation on the dorsum ilii, in a boy six years old who was run over by a four-horse wagon; has operated for strangulated hernia, followed by sloughing of a large portion of the great omentum and scrotum; for extensive sloughing of penis, scrotum, and perineum, caused by extravasation of urine produced by rupture behind an old stricture; for cases of old organic stricture of the urethra, in which streams had not been passed for four and six years; for fistula in ano, with slough of rectum; for gunshot wound where two balls had penetrated the right lung; for removal of entire necrosed patella, with reproduction of the bone and perfect use of knee-joint; removal of false teeth and plate from cardiac end of the œsophagus, etc., etc. He became a member of the Am. med. asso. in 1855; was a member of the Ky. State med. soc.; of the coll. of phys. and surg., of which he was vice-president; and of the medico-chirurgical soc. of Louisville. The following are some of his contributions to the literature of his profession: "Chloroform—its Obstetric Use" (inaugural thesis), *Louisville Medical Gazette*, 1853; "Fixed Apparatus for the Immediate Dressing of Fractures of Femur, securing Bony Union in the Intra-capsular Fractures of Old Persons," etc., etc., *Semi-Monthly Medical News*, 1859; "Joined Twins, with Plates from his Dissection," etc., etc., *Richmond and Louisville Medical Journal*, January, 1869; "Operation for Adhesion of Soft Palate and Uvula to the Posterior Wall of the Pharynx, with Dressing with Lead Plates," etc., etc.; and on the "Value of Cincho-Quinine in the Treatment of Intermittent and Remittent Fever," both of the latter published in the *Medical and Surgical Reporter*; "Case of Gunshot Wound; Ball Penetrating the Base of Left Lung, Diaphragm, Left Kidney, and lodging in the Erector Spinal Muscles," etc. (good recovery), *Louisville Medical Gazette*, 1858. In 1855 he was elected prof. of anatomy and demonstrator of

anatomy in the Ky. school of med., a position he held till 1856, when he was elected to the latter position in the med. dep't of the univ. of Louisville. This he also held for several years, the while also teaching private classes in medical branches, and giving special lectures in surgery and surgical anatomy. In 1863 he was elected prof. of surg. in the Ky. school of med.; and in 1866, on the two medical faculties uniting, he took the chair of the surgical diseases of the genito-urinary organs and rectum, in the univ. of Louisville. In 1867 he was again elected to the chair of principles and practice of surgery in the Ky. school of med., and he is now president and registrar of the faculty. In 1875 he was elected to the same chair in the Louisville med. coll., filling both positions till 1877, when the chair in the Ky. school of med. was changed to embrace the science and art of surgery and clinical surgery. He was for ten years phys. to the Episcopal orphan asylum; for several years connected with dispensaries for the benefit of the poor; for twenty years one of the surgeons in the Louisville city marine hosp. In 1860 he was appointed surgeon, with the rank of major, on General Buckner's staff, Ky. State guards; acted as surg. of volunteers in 1863, and received the appointment to organize the invalid corps. He has been a member of the board of health of Louisville; was a member of the board of commissioners of public charities of Louisville during 1870, and chairman of the hospital committee. In February, 1872, he married Mrs. Fannie M. Roberts, of Louisville.

DOUGALL, WILLIAM, Joliet, Ill., was born at Underwood, Paisley, Scotland, on March 1st, 1842. His father brought his family to the United States in 1858. William was educated at the high school of Glasgow. On the breaking out of the war he enlisted in company C, 15th reg. Ind. vol. infantry, at Fort Wayne, on June 1st, 1861. He was with his regiment in every engagement, being severely wounded at the battle of Stone River, Tenn., until Oct. 1st, 1863, when, after passing the regular examination, he received a captain's commission in the 13th reg. U. S. (colored) infantry, in which capacity he acted, often with independent command, until the close of the war, in April, 1865, when he resigned. He then resumed the study of medicine, and subsequently took the regular medical course at the univ. of Mich., Ann Arbor, during 1866 and 1867; and in 1868 graduated from Chicago med. coll., and commenced practice at Le Mont, Cook co., Ill. He was married on Oct. 1st, 1872, to Cassie Walker, eldest daughter of Edwin Walker, of Le Mont, and removed to Joliet. He is secretary and treasurer of the Will co. med. soc.

WILSON, JAMES LEIGHTON, Greenfield, O., was born near Greenfield, Highland co., O., Jan. 5th, 1821. He attended school during the winter, and assisted his father in farm work until he was nineteen years old, when he entered the Ohio univ. at Athens. In 1842 he returned home and commenced reading medicine under Drs. Milton and Alexander Dunlap, of Greenfield, and graduated from the Ohio med. coll. in the spring of 1848. In the same year he returned to Greenfield. Among his contributions to medical literature is an essay on "Scarlatina," published among the transactions of the State med. soc. in 1852. He is a member of the State med. soc., and also of the Highland co. med. soc. He was married in 1846 to Elizabeth H., daughter of Hon. Hugh Smart, one of the early associate judges and legislative representatives of Highland co., O.; she died in 1866; and in 1868 to Margaret J. McClure.

FORÉE, ERASMUS DARWIN, Louisville, Ky., son of Dr. P. G. Forée, of Huguenot descent, and of Miss Dawson, was born in New Castle, Henry co., Ky., July 25th, 1817. He was educated in New Castle, Shelbyville, Ky., and Hanover coll., Ind., and graduated in medicine from the (Louisville med. institute, now) med. dep't of Louisville univ. in 1839. He settled in New Castle in general practice. In 1843 he spent several months in Philadelphia, devoting himself to clinical medicine and surgery, under Drs. Gerhard and Poyntell Johnson, and also studying physical exploration of the chest. In 1849 he removed to a short distance from Louisville, where he continued his practice till 1864, when he settled in Louisville. In 1852 he was elected to the chair of materia medica and clinical medicine in the Ky. school of med. In 1875, after having declined several appointments to professorships, he accepted the position of emeritus prof. and lecturer upon diseases of women in the hosp. coll. of med., the med. dep't central univ., Louisville. His contributions to medical literature consist principally of a list of sixty cases of typhoid fever, published in 1842, the first notice of the disease on his side of the Alleghenies; an article on "Cerebro-Spinal Meningitis," *Transylvania Medical Journal;* on "Diphtheria," *Louisville Medical Journal;* "Lecture on Specialism in Medicine," *American Practitioner*, Novem-

ber, 1876, addresses, etc.; sundry reports on "Epidemic Cases;" also a notice on "Salicylic Acid in Rheumatism," *Louisville Medical News*. During the autumn, winter and spring of 1857 he was in the Irish, British and French capitals, pursuing his studies. He is the med. director of the Southern Mutual life insurance co. of Louisville.

SMITH, STEPHEN, New York, son of a farmer of Onondaga co., N.Y., where he was born Feb. 19th, 1823; passed his childhood and youth on his father's farm. His preliminary education was obtained at a country school during the winter months, and at the age of eighteen, having learned all then that could be learned there, by private subsequent study, when he arrived at the age of twenty he had mastered many of the higher branches, of mathematics, geometry, surveying, had a knowledge of trigonometry, and something of Latin and Greek. He then attended two terms at Cortland acad., Homer, N. Y.; afterwards he entered the office of Dr. Caleb Green, of Homer, and commenced the study of medicine; at the same time attending the lectures of the Geneva med. coll. He next studied under Prof. Hamilton, of Buffalo, attended lectures at the Buffalo med. coll., and became the resident pupil in the Buffalo hosp. of the sisters of charity. In 1849 he studied at the coll. of phys. and surg., New York, graduated M. D. in 1850, and soon after became one of the res. phys. of Bellevue hosp. On leaving the hospital he took up his residence in New York. He has tied the common iliac artery for aneurism, and was the second in this country to perform Symes' amputation at the ankle-joint. He was among the first to propose the organization of Bellevue coll., of which, ever since its foundation, he has been one of the faculty. While still a resident of Bellevue hosp., he published a monograph of seventy-five cases of rupture of the urinary bladder, for which he received much praise, and which was subsequently translated into French and German. In 1861–62 he published a hand-book of operations for the benefit of surgeons in the field, which rapidly ran through five editions, and is now out of print. He is the author of the "Official Report of the Condition of New York City," published in 1865. Besides the above he had contributed largely to the *New York Journal of Medicine*, of which in 1853 he became joint editor, and subsequently, in 1857, sole editor. In 1860 it became a weekly. Its publication was stopped some time after for want of support. He is a member of the N. Y. pathol. soc., of the N. Y. acad. of med.; of the Medical Journal asso. of the city of New York; of the med. soc. of the county of New York. In the International med. congress, Philadelphia, 1876, he was appointed president of the section on sanitary science. In 1854 he was elected one of the attending surgeons of Bellevue hosp.; subsequently held the chair of surgery in the same institution, and still later that of anatomy. He is now prof. of orthopœdic surgery and surgical jurisprudence in the univ. of the city of New York. In 1853 he married a daughter of Judge E. D. Culver, of Brooklyn, subsequently minister to Venezuela.

COOK, WILLIAM COWDEN, Nashville, Tenn., son of Sandy G. Cook and Mary C. Cook, was born, April 7th, 1840, in Marshall co., Tenn. He was educated at Franklin coll., near Nashville, and graduated in medicine in 1861. He located himself in Murfreesboro'. In 1869 he removed to Nashville, and graduated from the univ. of that city in 1870. While yet a student he was elected demons. of anat. In 1876 he was lecturer on obstetrics and diseases of women and children in the preparatory Nashville med. school, and was one of the promoters and founders of the Nashville med. coll. in 1876. In 1872 he was appointed chaplain to the Tennessee penitentiary, having been engaged in preaching since 1869. In 1862 he married Mary J. Osborne, of Murfreesboro'.

DALTON, JOHN C., New York city, was born at Chelmsford, Mass., Feb. 2d, 1825; was educated at Harvard univ., from which he graduated A. B. in 1844, and M. D. in 1847. His attention from the earliest days of his professional career has been devoted principally to the study of physiology. An essay on the "Corpus Luteum," offered by him in 1851 in competition for the annual prize of the Am. med. asso., not only won the award, but stamped him as an original physiological writer. Subsequently he was appointed prof. of physiology in the med. dep't of the univ. of Buffalo, and became the first in this country to teach physiology with illustrations by vivisection. This chair he resigned in 1854 to accept a similar one in the Vt. med. coll., Burlington, which he held for three years, and in 1859 accepted a similar professorship in the Long Island coll. hosp., holding it until 1861. In the winter of 1854–55 he delivered a course on physiology in the coll. of phys. and surg. of N. Y., as a substitute for Prof. Alonzo Clark, and in 1855 accepted the chair, which he still fills. During the war he served in the army, going to Washington, in April, 1861, as surg. of the 7th reg. of New York city; in August of that

year he was appointed brigade surg. of vols., and in this and other important positions served until March, 1864, when he resigned. He is a member of the N. Y. State med. soc.; of the Am. med. asso.; the N. Y. acad. of med. (vice-president 1874–77); the N. Y. pathol. soc.; the Medical Journal asso. of the city of New York; N. Y. soc. of neurol. and electrol. (pres. of council); med. soc. co. of New York. Among his numerous contributions to medical literature may be named, in addition to the above-mentioned essay, "A Treatise on Human Physiology," New York, 1859, which reached a fourth edition in 1867, and which is accepted as a standard text-book; "A Treatise on Physiology and Hygiene for Schools, Families and Colleges," New York, 1868, which has been translated into French; articles on the "Anatomy of the Placenta," "Physiology of the Cerebellum," "Intestinal Digestion," etc., etc., in the *American Journal of the Medical Sciences*, Transactions of the New York academy of medicine, the *American Medical Monthly*, etc., and on "Embryology," in "Johnson's New Universal Cyclopedia." In the International med. congress, Philadelphia, 1876, he appeared as a delegate from the Am. med. asso., and was chosen president of the section on biology.

MILLIKIN, DAN., Hamilton, O., was born in that place April 17th, 1845. His preliminary education was acquired at the high school in his native place. Subsequently for one year, 1864–65, he studied chemistry at Sheffield scientific school; he then entered upon a course of medical studies at the Miami med. coll., whence, after a course of three years, he graduated in March, 1875. His first place of settlement was at Hamilton, O., where he has continuously resided, actively engaged in professional labors. His specialty is aural and ophthalmic surgery. He is a member of the Butler co. med. soc., and has filled its secretaryship since his connection with that body. He is secretary also of the Union district med. soc., which includes four counties in Indiana and two in Ohio. His contributions to medical literature consist of papers in the *Cincinnati Lancet* and in the *Ohio Medical and Surgical Journal*.

BUCKMAN, AMASA M., Parma, Mich., born at Westford, Otsego co., N. Y., June 28th, 1824, was educated at Jackson acad. and Olivet coll., Michigan, studied medicine at Albany med. coll. and Castleton, Vt., med. coll., graduated in June, 1849, and settled first in Spring Arbor, removing to Parma in 1861, where he has continued in general practice. He is a member of the Jackson co. med. soc., of the Michigan State med. soc., and of the Am. med. asso. He has been twice married—to Irene Eddy, at Spring Arbor, in December, 1850, and to Harriet C. King, of Jackson City, in September, 1870.

EMERSON, NATHANIEL B., New York city, is a graduate of Williams coll., receiving the degree of A. B. in 1865, and that of A. M. in 1868. His medical degree was conferred by the coll. of phys. and surg. of New York, in 1869. He is a member of the Am. neurol. asso., of the New York soc. of neurol. and electrol., of the med. soc. of the co. of New York He is one of the attending phys. of the Demilt dispen., dep't of nervous diseases, rheumatism and electro-therapeutics.

BROWN, RICHARD ESTLE, Mount Holly, N. J., was born near that place, Feb. 7th, 1840. He attended the Treemount sem., at Norristown, Pa., and pursued his professional studies at the Jefferson med. coll., from which he graduated March 10th, 1863. In the April following his graduation, he was appointed resident phys. to the Charity hosp., Philadelphia, and July 11th, 1863, was appointed acting ass't surg. in the U. S. army, and assigned to duty at the McClellan gen. hosp., Nicetown, Pa., whence he was ordered, in the latter part of August, previous to the assault on Fort Wagner, to the department of the south, but, towards the close of October, ordered back to the McClellan hosp., remaining there until ordered to Norristown, from which, after being on duty for about two weeks, as examining surgeon of the sixth Pa. district, to which position he had been appointed in 1864, he was ordered back again to the McClellan hosp., and remained until the end of April, 1865, when, having been appointed in 1864 examining surgeon at the recruiting head-quarters in Philadelphia, he settled in the city, removing thence, in the spring of 1866, to Mount Holly, Burlington co., N. J. On the 20th of April, 1877, he performed tracheotomy for the extraction of a grain of corn from the wind-pipe of a child three years and nine months old, with entire success. He is a member of the Burlington co. district med. soc., of which he was elected vice-president in 1869, and president in 1870, and which he represented in the Am. med. asso. at its meeting in the city of Washington in 1870; and of the N. J. State med. soc. In November, 1875, he was elected one of the coroners of Burlington co. for a term of

three years. He married, March 4th, 1868, Susan G. Polhemus, daughter of Garrett H. Polhemus, Esq., of Mount Holly.

KENDALL, HENRY WILMER, Quincy, Ill., was born in Cheviot, Hamilton co., O., Sept. 15th, 1831. His father, Dr. Richard Gardner Kendall, was originally from Morristown, N. J. His education was obtained at Farmers' coll., Mount Pleasant, O. He read medicine with his father, and in 1851 matriculated at the Ohio med. coll. in Cincinnati, graduating therefrom in the spring of 1853. In the fall of the same year he located himself in Quincy, Ill., where he remained for a short time only, removing thence to Liberty, about eight miles east of Quincy, where he practised for three years. In the fall of 1856 he went to Payson, in the same county, and stayed there until the breaking out of the war in 1861, when he received the appointment of surgeon of the 50th reg. Ill. infantry. Dr. Kendall continued in the service until the close of the war, most of the time doing duty as surgeon in charge of the camp located at Quincy. In 1863 he passed the med. board of examiners at Louisville, Ky., and received from President Lincoln an appointment as ass't surg. of volunteers, and for a while was attached to the 2d division 16th army corps. Since leaving the service he has been in practice in Quincy, giving, more particularly in the past ten years, especial attention to surgery. In the winter of 1870 he attended a second course of lectures and graduated at Jefferson med. coll., Philadelphia, having taken the first course there in the winter of 1859 and 1860. Of the State med. soc. he has been a member since 1867, and of the Adams co. soc. since his residence in the county. He is also a member of the pathological med. soc. of Quincy, and of the Am. med. asso. He was married, Nov. 6th, 1856, to Frances Caroline Collins, of Illinois.

WILBUR, C. T., Jacksonville, Ill., was born, May 18th, 1835, at Newburyport, Mass., his father being the Rev. Hervey Wilbur, a Congregational clergyman, who was one of the pioneers in the establishment of Bible classes, and who was probably the first to compile and publish a Bible class text-book in this country. He engaged in many literary and scientific labors, and was the author of a popular work on astronomy, the compiler of a reference Bible, and a lecturer upon natural history and astronomy. His son was fitted for college in the public schools of Newburyport. In 1857 he commenced the study of medicine. While a student he became connected with the N. Y. State asylum for idiots as teacher, and was led to the investigation of the various forms of dementia by an elder brother, Dr. H. B. Wilbur, who established in 1848 the first institution for the care of idiots in the United States, at Barre, Mass., and who was at this time superintendent of the institution at Syracuse. In 1858 he was called to assist in the organization of the Ohio State asylum for idiots, at Columbus, and was for some time employed as its ass't superintendent. In 1859—in May of which year he was married to L. C. Peyton, an assistant in the same institution—he went to Lakeville, Conn., and aided in the establishment of a school for feeble-minded children, since conducted by Dr. H. M. Knight. In 1860 he graduated at the Berkshire med. school, Mass., and removed to Marietta, O., where he began practice. In 1861 he entered the volunteer service, and served as ass't surg. and surg. until the capitulation of Lee. In September, 1865, he removed to Jacksonville, Ill., and took charge of the Illinois institution for the education of feeble-minded children. The legislature of Illinois recently took action for the erection of larger and more appropriate buildings for the institution, to cost not less than a quarter of a million. He is a permanent member of the Am. med. asso. In 1870 he received the degree of master of arts from the Wesleyan univ., at Bloomington, Ill.

BLAKE, JOHN HENRY, North Auburn, Me., of Irish parentage on his father's side, and of Miss Bell, daughter of Daniel Bell, of Boston, who fought at Bunker Hill, was born in Boston, April 13th, 1809. He was educated in medicine at Harvard, and graduated in July, 1849. He first established himself at Lowell, Mass., where he remained till 1853; in that year he removed to North Auburn. He is a member of the Me. State med. soc., and of the Androscoggin co. med. soc., and is the inventor of a sanitary stove for ventilating and equalizing the temperature of sick-rooms.

MUSSER, PHILIP T., Aaronsburg, Pa., son of Philip Musser and of Catharine (Reichard) Musser, of German ancestry, was born in Gregg township, Centre co., Pa., Nov. 10th, 1828. He was educated at Mifflinburg acad.; studied medicine with Dr. R. F. Van Valzah, Millheim, Centre co., Pa., and at the Jefferson med. coll.; graduated in March, 1853, and located first at Millheim, and afterwards, in 1866, removed to Aaronsburg. His practice is medical, surgical, and obstetrical. In 1876 he was elected a mem-

ber of the Centre co. med. soc.—was its first vice-president and also its president. He received a certificate for ass't surg. in 1863, but ill health prevented his entering the army. In November, 1824, he married Mary J. Mumbauer.

PARSONS, CHARLES W., Providence, R. I., son of Usher Parsons, M. D., was born at Providence, Sept. 6th, 1823. His literary and classical education was received at Harvard univ., and his medical education in the med. dep't of the latter institution, at the univ. of Pa., and was an externe at La Charité, Paris (1844). He graduated A. B. in 1840, and M. D. at Harvard in 1845, and settled in Providence, in a practice mostly medical and obstetrical. He is a member of the Providence med. asso., and of the R. I. med. soc.—was president of the latter, 1860–62. He has contributed to medical literature six "Rhode Island Registration Reports," 1854–59; "Fiske Fund Dissertations," 1848 and 1854; "Report on Medical Topography of Rhode Island," to the Am. med. asso.; a paper on "Hydrate of Chloral," 1871, etc., etc. He was attending phys. to R. I. hosp. from 1867 to 1874, and since the latter date has been its consult. phys., and also prof. of physiology in Brown univ. He has almost entirely relinquished practice. He is a member of the Franklin soc. of R. I. In 1853 he married Mary H. Boylston, of Princeton, Mass.

MAJOR, FRANCIS W., Hamilton, O., was born, April 2d, 1814, in Franklin co., Ky. He is of Norman descent, with a family record commencing in the year 1040, and a family history embracing a period of over eight hundred years. Archbishop Major (spelled and pronounced Mauger in Normandy), of Rouen, and uncle of William the Conqueror, was head of the family. In consequence of great irregularities he abdicated the see and settled in the island of Guernsey. There he met with a lady of great beauty and accomplishments by the name of Guillé, with whom, without the sanction of the church, he formed an intimacy that resulted in a numerous progeny. From one of this family sprang Sir Mathias Mayer, or Major, a Jerseyman, and a soldier under Henry VII., who obtained a grant of arms (see "Patronymica Britannica"), and was a lineal ancestor of R. Major, Esq., of Hurdsley, in Hampshire, England. His daughter, Dorothy Margaret, married Richard, afterwards Lord Protector, Cromwell. The Mayors, or Maugers, were prominent in the history of the Channel islands. Dr. Major was educated by private tutors, and graduated in medicine in 1835 from the Transylvania med. coll., Lexington, Ky. He commenced practice in Paris, Ky., and removed to Covington in 1847. In 1861 he removed to Lexington; but during the war, being a sympathizer with the South, he was ordered north of the Ohio river by General Burbridge, and since then has remained in Hamilton. His specialty is diseases of children. He organized the med. soc. of Covington and Newport in 1849; was several times its president, and is now its honorary member; is a member of the Butler co. med. soc. of Ohio, and has been two or three times its president; and a member of the district med. soc. of Ohio and Ind. He contributed, some years ago, articles on professional subjects to *Drake's Journal*. In 1840 he married Ann T. Smith, of Paris, Ky. She died in 1847, leaving him two sons. In 1854 he married Ellen C. Dudley, of Cincinnati, by whom he has two children, a son and a daughter.

WALBANK, SAMUEL SEDDON, Duluth, St. Louis co., Minn., was born at Moreton Hamstead, Devonshire, England, April 3d, 1825, and is of English extraction. His preliminary education was acquired at the institute of St. Leavens, France, and he was prepared for a professional career in the med. dep't univ. of Toronto, Ontario, Canada, graduating from that institution in the spring of 1848. His first place of settlement was at Holland Landing, Ontario, Canada, and from there he removed to Bruce, Minn.; subsequently he settled in Ontonaga, and afterward in the city of Brooklyn, N. Y., and Ingersoll, Ontario, Canada; eventually establishing himself at Duluth, Minn. While engaged in general practice, he makes a specialty of diseases of women. He is a member of the Minn. State med. soc.; county phys. at Ontonaga and Duluth, Minn.; health officer, etc., etc. He was married in 1850.

HATFIELD, MARCUS PATTON, Chicago, Ill., son of the Rev. R. M. and E. A. Hatfield, was born Feb. 20th, 1849. He was educated at the Flushing institute and the Wesleyan univ., from which he graduated in 1870, and studied medicine at the Chicago med. coll., graduating in 1872. During the year of his graduation, and the succeeding one, he practised in the Mercy hosp. The next two following years he spent in Berlin and London. On his return from abroad he settled in Chicago, where he now resides. He is prof. of chemistry and toxicology in the Chicago med. coll., and has

on several occasions been brought into court as a chemical expert. He is a member of the Chicago soc. of phys. and surg.; of the Am. asso. for the advancement of science; and of the Am. med. asso. He was commissioner from Illinois to the Vienna exposition. He married Hattie A. Harris, youngest daughter of Bishop W. L. Harris, of the Methodist Episcopal church.

BOWERS, SAMUEL SOWERS, Fond du Lac, Wis., of German-American parentage, was born in Berlin, county of Waterloo, Ontario, Canada, Dec. 4th, 1836. He was educated at a commercial acad. at Rockwood, county of Wellington, Ontario; at the Victoria univ., Cobourg, Canada; at the Toronto school of med., Toronto; at the med. dep't of Victoria univ.; and at the univ. med. coll. of New York, from which last he graduated in April, 1856. He also graduated from Queens univ., Kingston, Canada, in April, 1857. He located himself first at Plattsville, Oxford co., Ontario, then at Waterloo, in 1857; then at Melbourne, Richmond co., Quebec, in 1860, and at Fond du Lac the same year. He is a member of the Fond du Lac co. med. soc., and has been its vice-president, secretary, and treasurer; of the Rock River med. soc., and has also held all the offices of this society; and is member of the Wis. State med. soc. He has written numerous essays on medical, surgical, and obstetrical subjects. He has been secretary of the municipality of the village of Waterloo, treasurer of the municipality of the village of Melbourne, and chairman of the board of aldermen, first ward, of Fond du Lac; and member of the board of supervisors of the county of Fond du Lac. In April, 1858, he married Hannah Maria Flower.

BELL, WILLIAM H., Logansport, Ind., born in Morristown, N. J., Sept. 21st, 1840, graduated from the univ. coll., Toronto, Canada, in 1864. He settled in Dayton, O., the same year; in 1869 he removed to Logansport. He is a member of the Cass co. med. soc.; of the Ind. State med. soc.; and of the Am. med. asso. Among a large number of contributions to the medical journals the following may be mentioned: "Spurious Meningitis," "Reflex Paralysis," "Treatment of Insanity in General Practice," "Cardiac Paralysis," and "Epilepsy Arising from Disease of the Uterus," Transactions of Ind. State med. soc.; on "Certain Reflex Nervous Conditions Arising from Disease of the Uterus," *ibid.* From 1864 to 1869 he was ass't phys. to the southern Ohio asylum for the insane, and for several years has been a member of the board of health of Logansport.

BURRINGTON, SOLON ORVILLE, Columbus, Wis., of English ancestry, son of Asabel Burrington and Louisa C. (Rice) Burrington, was born in Burke, Caledonia co., Vt., July 24th, 1839. His academic education was received at the Green Mountain liberal institute, at South Woodstock, Vt., and his medical education in the office of Dr. William Huntington, of Rochester, Vt.; at the Berkshire med. coll., Pittsfield, Mass., and at the Baltimore school of med., Baltimore, graduating in March, 1865. He settled first at North Adams, Mass., in 1865; at Columbus, Wis., in 1866; at St. Paul, Minn., in 1872; and again at Columbus in 1873. He is a member of the Columbus co. and Wis. State med. soc. He was med. cadet in the U. S. army for one year, appointed February, 1864, and serving in Dale general hosp., Worcester, Mass., and Hicks general hosp., Baltimore, M. D. He is now examining surg. for pensions. He was superintendent of public schools for three years in Columbus. In February, 1872, he married Stella H., daughter of Alanson Cady, of North Adams.

BESSY, ALDEN EDWARD, Sidney, Me., born in Hebron, Me., Jan. 1st, 1838, educated at Me. Wesleyan seminary, Kent Hill, and at Amherst coll., from which he graduated in 1869; studied medicine at the Me. med. school, and received his degree of M. D. 1870. He first located himself in South Wayne, Me., and after a few months removed to Sidney. He is a member of Kennebec co. med. asso., and was elected its vice-president in 1877. In May, 1864, he married Helen J. Morton, of Buckfields; she died in 1873. In May, 1874, he married Clara A. Forbes, of Paris, Me.

SHARKEY, JAMES M., San Francisco, Cal., was born at Roscommon, Ireland, June, 1827. He studied medicine at the Tremont med. school, Boston, and at Harvard univ., and graduated in 1849. He settled in Boston, where he held the position of dispensary phys. to 1853. He then visited Europe, and on his return went to California. During 1855 and 1856 he was resident phys. of the city and county hosp. of San Francisco; in 1857 and 1858 he was surg. to the Pacific mail steamship company's steamer "Golden Gate." In the latter year he settled in San Francisco. He is a member of the State and local med. societies, and is the author

of various medical contributions to the *Boston Medical Journal*, etc. In 1865 he was appointed surg. to the 3d reg. national guards of California.

BALL, ALONZO BRAYTON, New York city, graduated from the coll. of phys. and surg. of New York in 1863. He is a member of the New York acad. of med.; a councillor of the asso. of the alumni of the coll. of phys. and surg., New York. He is one of the clinical assistants at the coll. of phys. and surg. of New York, and lecturer on diseases of the kidneys in the spring session of the same institution.

ASCH, MORRIS J., New York city, graduated from the Jefferson med. coll., Philadelphia, in 1855. He is a member of the Medical Journal asso. of the city of New York; of the New York laryngolog. soc., of which he was vice-president, 1876–77; and of the New York neurolog. soc. He is surg. in the aural dep't of the New York eye and ear infirmary, and phys. to the metropolitan throat hosp.

SMITH, COTESWORTH PINCKNEY, Arkansas City, Ark., son of Chief Justice C. P. Smith, of Mississippi, was born at Woodville, Wilkinson co., Miss., Sept. 18th, 1845. His literary education was received at Jackson, Miss., and his medical education at the univ. of Louisville, from which institution he graduated M. D. in March, 1873. He served one year in the city hosp. at Vicksburg, Miss., then practised at Chicot, Ark., and finally settled in Arkansas City in general practice. He is a member of the Ark. State med. asso., and Chicot co. med. asso. He entered the Confederate army in 1863, serving on the staff of Gen. Martin, company I, 1st division of Wheeler's cavalry, in the western army. He was captured in 1863, and remained a prisoner in Fort Delaware till the close of the war.

WHITAKER, AQUILLA, Helena, Ark., son of Isaac Whitaker, of Mississippi, was born in Jefferson co., Miss., May 26th, 1830. He was educated at the Masonic univ., Oldham co., Ky., and studied medicine in the hosp. at Vicksburg, where he served two years, and in the univ. of Louisville, where he graduated in 1855. He settled first in the country back of Vicksburg, but afterwards removed to a plantation which he owned in Cohoama co., Miss. He lost everything during the war, and at its close removed to the neighborhood of Helena, Ark. In 1869 he settled at Oak Ridge, Miss., on the death of his father, who had resided in Warren co., in that State; but in 1875 he removed to Phillips co., Ark. He is a member of the Ark. State med. soc., and the Phillips co. soc. In October, 1854, he married A. C., daughter of Col. John Rabb, of Phillips co., Ark.

BIGELOW, HENRY J., Boston, Mass., is son of Dr. Jacob Bigelow, one of the oldest and most highly respected practitioners in that city. After a preliminary training he entered Harvard univ., and graduated from the literary dep't, A. B., in 1837, and from the med. dep't in 1841. He began practice in Boston. He is a member of the Boston med. asso.; the Boston soc. for med. improvement; Suffolk district med. soc., of which he is a councillor; the Mass. med. soc. since 1844; and the Am. med. asso. His practice is chiefly surgical. He fills the chair of surgery in the med. dep't of Harvard univ., and in the dental dep't of the same institution. He is one of the visiting surgeons to the Mass. general hosp. He is a member of the Boylston med. committee, appointed by the president and fellows of Harvard univ., to examine papers offered in competition for the Boylston med. prize.

MUSSER, JOHN HENRY, Lampeter, Pa., was born in that place, Jan. 5th, 1845. His father was a physician. His literary education was acquired principally in a private school, and he was prepared for a professional career in Jefferson med. coll., Philadelphia, Pa., graduating from that institution March 10th, 1866. He is a member of the Lancaster city and county med. soc., was vice-president of that body, January, 1877, and in January, 1878, corresponding secretary; and a permanent member of the State med. soc. since 1876. He was married, Oct. 27th, 1868, to Leida A. Musselman.

DANIEL, MILTON J., Griffin, Ga., was born in Zebulon, Pike co., Ga., Oct. 12th, 1828, the son of Gen. Egbert P. Daniel; was educated at Zebulon high school; attended first course of medical lectures in Augusta, Ga., and graduated from the Jefferson med. coll., Philadelphia, in 1850. First practised at Montpelier Springs, Ga., after which moved to Griffin, where, excepting a twelvemonth in Dooly co., he has continued. His specialty is diseases of women and children. Is a member of the Ga. med. asso.; was medical examiner on the conscript board during the war. Married, June 15th, 1854, Sherod Virginia Towns.

DORWIN, HENRY W., Gettysburg, O., son of Philo Dorwin and Urania Dorwin, was born at Moncton, Vt., Dec. 28th, 1822. He received his collegiate education at Onondaga acad., N. Y., and his general education at the Western Reserve med. coll., Cleveland, O., and graduated in February, 1852. He settled in Gettysburg, Darke co., in general practice. He is a member of the Darke and Miami co. med. socs., and one of the censors of the former; also member of the Ohio State med. soc. He was surgeon on the staff of Gen. Cranor, of Ohio. In December, 1844, he married Nancy Morrison.

CLARK, ALONZO, New York city, was educated at Williams coll., from which he graduated A. B. in 1828. He received his degree of M. D. from the coll. of phys. and surg. of New York, in 1835. He began his professorial career as prof. of pathol. and mat. med. in the Vermont med. coll., Burlington. From 1848 to 1855 he filled the chair of physiol. and pathol. in the coll. of phys. and surg. of New York. In the latter year he became the prof. of pathol. and practical med. in the same institution, and continues to hold the position. He was appointed visiting phys. to the Bellevue hosp., New York, in 185–; and was president of the med. board and consulting phys. to St. Luke's hosp., New York, in 1861; is consulting phys. to the Northeastern dispen., the Northern dispen. He is a member of the N. Y. State med. soc., of which he was elected president in 1853; of the Am. med. asso.; of the New York med. and surg. soc.; of the New York soc. for the relief of widows and orphans of med. men; of the New York pathol. soc., and of the New York acad. of medicine.

GLENN, WILLIAM FRANK, Nashville, Tenn., of English, Irish and Scotch ancestry, whose grandfather on his father's side was one of the first settlers in Nashville, and owned the first boot and shoe factory in the State, and on his mother's side was first cousin to Gen. Washington, was born in Sumner co., near Gallatin, Tenn., Oct. 28th, 1853. He was educated in the high school of Nashville, and studied medicine in the med. dep't of the univ. of that city, graduating in Feb., 1873, at the age of nineteen, winning the prize offered for excellence in study of zymotic diseases. He settled in Nashville in the general practice of medicine and surgery, in April, 1873. Among the operations performed was one of craniotomy on a primipara of twenty-eight years of age, successfully; also removed a fatty tumor weighing four pounds, and filling Scarpa's triangle. He is a member of the Davidson co. med. soc.; of the Tenn. State med. soc.; and of the Am. asso. for the advancement of science. He has reported several important cases through the *Medical Brief* of St. Louis; has also written an essay on "What is Disease?" read before the Nashville society, and published in the *Richmond Medical Journal;* also a pamphlet on "Venous Circulation," advocating the suction action of the heart as the prime cause, in July, 1877; and an article on the "Glycogenic Function of the Liver." In September, 1874, he was appointed first ass't demonst. of anat. in the univ. of Nashville, and Vanderbilt univ. In September, 1876, he was called to the chair of physiol. in the Nashville med. coll., and he holds also in the same institution the chair of the principles of surgery, and the chair of anatomy and venereal diseases.

LE BLOND, JOHN BYERS, Brownsville, Minn., was born, Feb. 27th, 1825, in Belleville, O. His father was born and reared in Paris, France; his mother was a native of Pennsylvania. He was educated at the Belleville acad., and studied medicine at the Cleveland med. coll., graduating in 1850, and settling first at St. Mary's, O., whence he removed in 1856 to Brownsville, Houston co., Minn. He is a member of the Minn. State med. soc. He held the office of co. sup't of schools of Houston co. for seven years; has been twice elected to the legislature of Minn., and was for several years president of the town council, and chairman of the board of education of Brownsville. During the civil war he served as surg. of the 1st Minn. vols. He married in 1853.

BROWNRIGG, JOHN, Columbus, Miss., son of Richard Thomas and Mary W. Brownrigg, was born, Dec. 6th, 1829, in Chowan co., N. C.; graduated at the Jefferson med. coll., Philadelphia, in 1851, and settled first eight miles west of Columbus, Miss., and then at Columbus, in 1875. Surgery is his favorite branch, though he does not make a specialty of it. He is a member of the Miss. State med. asso., of which he was elected vice-president in 1875. He contributes occasionally to medical journals, writing, when he writes at all, on surgical subjects. For nearly four years he was in active service in the Confederate army, serving as regimental surgeon, surgeon of battalion, as post surgeon at Columbus, Miss., as chief surgeon of Lee's and Forrest's cavalry, in the dep't of Miss.

and east La., as member of the staff of Lieut.-Gen. S. D. Lee, and as chief surgeon of the general hospital at Jackson, Miss. He married Elizabeth Yerger, daughter of the Hon. Wm. Yerger, of Jackson, Miss.

DICKIE, ALEXANDER MALCOLM, Doylestown, Pa., was born in Washington co., Pa., Feb. 3d, 1835, coming of Scottish parentage; was educated at the State normal school, Millersville, Pa.; took one course of lectures at the med. dep't of the univ. of Pa., another at Long Island med. coll., and graduated from Bellevue hosp. med. coll. in 1865; began and has pursued practice in Bucks co., Pa.; is a member of the med. soc. of the State of Pa., and Bucks co. med. soc., being president of the latter in 1875. He was married in March, 1866.

HARRINGTON, CHRISTOPHER CLARK, Marysville, Cal., was born at Smithfield, Providence co., R. I., Feb. 6th, 1819, and graduated from Berkshire med. coll. in 1844. First practised in Burrilville; then in Providence, and went to California in 1849. Until 1861 he practised in Sacramento co., then moved to Marysville; was elected co. phys. of Yuba co. hosp. in 1866, and has been re-elected for six terms of two years each. He is a member of the State med. soc., and of the Northern district med. soc.; was president of the board of supervisors of Sacramento co., 1867–68, and president of the Union league, 1863–64.

JOHNSON, SAMUEL, Bozrah, Conn., was born there July 1st, 1805, coming of old English stock. He attended medical lectures in New York city in 1827–28, and graduated from the medical institution of Yale coll., New Haven, in 1829, settling down to practise in his native place. Among the incidents in his practice have been the removal of an enlarged prostate gland, and the cure of suppurated eyes from Egyptian ophthalmia by liberal doses—a teaspoonful three times in twenty-four hours—of the alcoholic tincture of iodine crystals. He is a member of the Conn. State med. soc., and of the New London co. med. soc. He was elected to the State legislature in 1856, and was married in 1836.

HART, WILLIAM WESLEY, Lodi, Miss., was born in Robertson co., Tenn., April 26th, 1828; was educated in Springfield, Tenn., and studied medicine in Clarksville under Dr. T. J. Donoho, and graduated from the med. dep't of the univ. of Louisville, Ky., in 1849. In the same year he began practice in Carrollton, Carroll co., Miss., and pursued it until the beginning of the war; was appointed surgeon of the 20th Miss. reg. in 1861; detached and put in charge of med. dep't of post at Grenada, Miss., in 1862, where he served until 1864, when he was transferred to conscript bureau for east Louisiana, as president of examining board, until the close of the war; is a member of the Miss. State med. asso., and of the med. asso. of Montgomery co., Miss., of which he was the first president. He has contributed a few papers to the *Louisville Medical Journal* and the *Medical Journal of New Orleans*. In 1869 he was elected to the State legislature from Choctaw co. He has been married three times.

HOLMAN, JAMES WILSON, Winona, Miss., was born at Marion, Ala., Oct. 5th, 1829; was educated in the village schools, and graduated from the med. dep't of the univ. of Ky. in 1851. He then settled near his present location. He is a member of the Winona med. asso., and has been since its organization; is its president; is a member of the Miss. State med. asso., and essayist thereof. During the war he had a short connection with the hospital service; is and has been for several years medical director of the Miss. life insurance co. He was married to M. M. Bennett, Sept. 6th, 1854, and has had eight children six of whom are living.

MCBURNEY, CHARLES, New York city, graduated from the coll. of phys. and surg., New York, in 1869, and is demonstrator of anatomy in that institution. He is a member of the New York phys. mutual aid asso.; of the Roman med. soc.; of the New York laryngol. soc.; a councillor of the asso. of the alumni of the coll. of phys. and surgeons, New York; a member of the med. soc. of the co. of New York. He is attending surgeon at St. Luke's hosp., ass't surgeon throat dep't New York eye and ear infirmary, and attending phys. throat dep't Demilt dispensary.

SATTERLEE, F. LEROY, New York city, graduated from the univ. of N. Y. in 1868. He is a member of the New York patholog. soc.; of the New York acad. of med.; of the Medical Journal asso. of the city of New York; of the New York medico-legal soc.; of the New York dermatolog. soc., of which he is treasurer; of the New York neurolog. soc., in which he is a member of the council; of the alumni asso. of the med.

dep't of the univ. of the city of New York, in which he is a member of the executive committee, and of the med. soc. of the county of N. Y. He is attending physician at the midnight mission, N. Y.

MOSSMAN, BERIAH EDWIN, Greenville, Pa., was born in that place, Nov. 27th, 1842. He is the fifth and youngest son of the marriage of Hon. Robert G. Mossman, of Baltimore, Md., descended from Scotch-Irish ancestors, and Margaret Christy, of Mercer co., Pa., daughter of Andrew Christy, a colonel in the war of 1812. Having taken a classical and scientific course at the Greenville acad., he entered the Cleveland (O.) med. coll., from which he graduated, March 1st, 1864, commencing practice the 9th of the same month at his native place, where he still resides. He has successfully performed almost all the services of a surgeon, obstetrician and physician, including a number of capital operations, but for some years he has made a specialty of gynæcology and obstetrics. He is a member of the Mercer co. med. soc., of which he has been secretary for several years, and was elected president Jan. 11th, 1877; of the State med. soc. of Pa., and of the Am. med. asso. He is a contributor to the Transactions of the State soc., and an occasional contributor to medical journals. In 1868 he was a Democratic candidate for the State legislature, but, the district being largely Republican, was defeated. He is at present surgeon in charge of the Shenango & Allegheny railroad. He married, Sept. 5th, 1872, Emma Hilards, daughter of Reuben V. Hilards, Esq., of Greenville.

BIBB, RICHARD HENRY LEE, Austin, Texas, was born at Granite Hill, Louisa co., Va., Nov. 23d, 1848, and is descended from an honorable and influential family. He acquired his literary education at Locust Hill male acad., and Louisa male acad., in Louisa co., Va.; subsequently entering upon a course of studies in medicine in Galveston med. coll., Galveston, Texas, whence he entered Bellevue hosp. med. coll., New York. Dates of graduation: Galveston med. coll., March, 1872; Bellevue hosp. med. coll., March, 1877. His first place of settlement was at Galveston, Texas, removing from that place to Austin in January, 1873, where he has since permanently resided. Among his more notable cases is one that recovered from trismus neonatorum, *Richmond and Louisville Medical Journal*, 1874. He has also operated successfully for radical cure of hernia, three times by Dowell's method, and has made amputations, resections, etc. He is a member of the Texas State med. asso.; of the Travis co. med. soc., Texas, and was elected to the secretaryship of the latter body in July, 1877. His contributions to medical literature consist of the above reported case; a prize essay, "The Eucalyptus Globulus, etc.;" eighth annual Transactions Texas State med. asso.; also an essay on "Preventive Medicine;" ninth annual Transactions Texas State med. asso. In 1872 he was ass't surg. of the Galveston med. coll.; from August, 1873, to September, 1876, was ass't superintendent of the Texas State lunatic asylum, and at the present time is city physician to the city of Austin, and surgeon to the 1st reg. Texas State troops. He was married Aug. 11th, 1874.

KENNEDY, LIONEL, Spartansburg, S. C., of Scotch and English ancestry, was born in Charleston, S. C., June 17th, 1816. He was educated in Charleston, and graduated in March, 1837, but did not commence practice till 1844 at the village of Spartansburg. In 1876 he was elected president of the medical society of his county. He held the position of surgeon in the field in the Confederate States army for two years, and then resigned on account of ill health. In 1843 he married Helen Fays.

LEISER, JACOB J., Watsontown, Pa., was born, Dec. 10th, 1845, in Union co., Pa. He was educated at the Union seminary, supplemented by private instruction, and graduated from the med. dep't of the univ. of Pa. in March, 1868. He commenced practice at Light Street, Columbia co., Pa., whence he removed to Muncy, Pa., and thence to Watsontown. He has given some special attention to operations for cataract, in which he has always performed the old flap operation, having found it to work results as good on the average as the newer modes. He is a member of the Northumberland co. med. soc., of which he was elected secretary in July, 1876, and again in July, 1877. He contributed to the *Philadelphia Medical Times* for 1875 an article on "The Use of Nitrite of Amyl in Asthma." He is at present surgeon to the Philadelphia and Erie division of the Pennsylvania railroad.

ELLIS, CHARLES MANLY, Elkton, Md., born at Elkton, Dec. 13th, 1838, graduated from the univ. of Pa. in February, 1861, and settled at Elkton. He is a member of the Am. med. asso.; of the Am. public health asso.; of the Oxford med. soc., and was a member of the International med. congress, held in Philadelphia in 1876. In Sep-

tember, 1861, he was appointed ass't surg. 6th Pa. cavalry (lancers), and was captured while in charge of division hospital, before the battle of Gaines' Mill, Va. He resigned in 1863. He is a member of the Maryland State board of health, was originally appointed in 1874, and reappointed in 1876; in 1868 he was physician to Cecil co., Md.

JUDKINS, ELAM J., Greenfield, Ind., born in Newport, Wayne co., Pa., Jan. 5th, 1830, studied medicine at the Ohio med. coll., and settled in practice in Greenfield, Ind. He is a member of the Hancock co. med. asso., and has been its secretary since its organization in 1874; also of the Ind. State med. soc. He has held various municipal offices. He married in May, 1857.

WILLIAMSON, LEA, Como, Panola co., Miss., was born April 7th, 1837, and is of Scotch-Irish and French extraction. His literary education was acquired at the univ. of Va. He studied at Jefferson med. coll., Philadelphia, Pa., and Bellevue hosp., New York, graduating March, 1859. From 1861 to 1865 he was in the service of the Confederate States army, acting in the capacity of surgeon. He is a member of the State med. asso. of Miss. His paper on "Diphtheria" was published in the *American Journal of the Medical Sciences* in July, 1860. He was married, Jan. 1st, 1868, to Helen Howard, of Grenada, Miss.

INGALLS, LUCIEN, Falmouth, Me., was born at Merrimack, N. H., April 29th, 1833, and graduated at Dartmouth med. coll.; began practice at Andover, Me., in 1861, and moved to Falmouth in 1872. Is a member of the Maine State med. asso., and of the Cumberland co. med. asso.; for ten years served as superintendent of schools, and has been postmaster at Falmouth since 1873. Has been twice married: in 1863 to Hannah T. Nevins, of Bedford, N. H., who died in 1870; in 1873 to Jenny A. Parker, of Merrimack, N. H.

HELM, ASBURY COKE, The Dalles, Oregon, was born in Andrew co., Mo., March 3d, 1845. He was educated at Willamette univ., and graduated from its med. dep't in 1869; subsequently he took a course at Bellevue hosp. med. coll., New York, and graduated therefrom in 1871. After practising two years in Salem, Oregon, removed to The Dalles; makes a specialty of diseases of the eye and ear; is a member of the third judicial dis. soc. of Oregon, and of the Oregon State med. soc., was elected corresponding secretary of the latter in July, 1876, and served one year. Married, March 3d, 1868, Josephine Payton, daughter of Dr. Payton, of Salem, Oregon.

JOHNSON, FRANCIS M., Platte City, Mo., was born in Scott co., Ky., Aug. 27th, 1828, of Virginian parents and Irish ancestry. Was educated in the log school houses of his native county, and studied medicine at the Louisville univ. and Missouri med. coll., graduating from the latter in 1851. The following year began practice in Washington co., Ky., and removed to Platte co. in 1854. Is a member of the Kansas city dis. med. soc., and was elected president in Sept., 1875; also of Missouri med. soc., and is now its president. Has been married twice.

CURTMAN, CHARLES O., St. Louis, Mo., graduated from college at Giessen, Germany, 1847, and received the honorary degree of M. D. from the Missouri med. coll. in 1866; is also a graduate of Louisville med. coll., 1870. He was professor of chemistry, pharmacy and toxicology in the Missouri med. coll., and before his arrival in the United States assistant to Prof. Knapp in the chemico-technological laboratory at Giessen and Hanau, Germany. Is a member of the Wettarau soc., Germany; of the Am. med. asso., and the Am. pharmaceut. soc. During the war he was a surgeon in the Confederate army. Among his contributions to medical literature may be mentioned, "Peculiar Appearance of the Tongue in Malaria."

BROWN, WILLIAM HAMMOND, Bangor, Me., of English descent, was born in that city, June 14th, 1822. He graduated at Bowdoin coll. in 1842, and from the medical school of Howard univ. in 1850, settling the same year at Tyngsboro', Mass., whence he removed to St. Louis, Mo., in 1857, and thence in 1861 to Bangor, his present residence. He is a member of the Maine med. asso.; of the Penobscot co. med. soc., and of the Am. med. soc. in Paris, France. He married in 1857, and has two children, both daughters, and both married.

BROOKS, DWIGHT FREDERICK, Minneiska, Minn., was born, June 10th, 1849, in Redfield, Oswego co., N. Y. At the age of eighteen he entered the med. dep't of the univ. of Mich., and graduated from the Long Island coll. hosp., Brooklyn, N. Y., in June, 1876, having settled in 1862 at Minneiska, Wabasha co., Minn., where he has resided ever since. He is a member of the Wabasha co. med. soc., and of the Minn.

State med. soc., which he represented in the Am. med. asso. at the Philadelphia meeting in 1876. He has been twice elected to the office of supervisor of the township of Minneiska. He married, in Sept., 1875, Anna E. Keyes, of Winona, Minn.

WHEELER, WILLIAM G., Chelsea, Mass., graduated M. D. at Geneva in 1845. He is a member of the Mass. med. soc., having been admitted in 1848; an associate member of the Boston soc. for med. improvement; and corres. member of the Montreal pathol. soc. He is consult. phys. to St. Elizabeth's hosp., Boston.

SWINBURNE, JOHN, Albany, N. Y., was born in Denmark, Lewis co., N. Y., in 1823. Left early an orphan, he was soon called upon to assist in supporting his mother and family, securing his education at district schools and neighboring academies, partly by his own exertions. He studied medicine under Profs. Mather and J. H. Armsby, and Dr. Griffin Sweet, graduating in 1846 from Albany med. coll. After a short country practice he was called to fill the position of demons. of anat. in Albany med. coll., and performed its duties for three years. During this period he prepared for the anatomical museum at Albany the skeleton of the celebrated Dr. Edson, who for many years was exhibited on account of "his attenuated abnegation of flesh." Appointed almshouse phys., he attended eight hundred cases of ship-fever in one year, with a mortality of only fifteen per cent. On the outbreak of the war he was given charge of all the sick at the post in Albany, and during three months he treated nearly fifteen hundred patients. He served also on the battle-field, and labored for the improvement of the appliances for treating and permanently curing the disabled soldiers, publishing the results of his observations in pamphlet form. For a time he was in charge of the U. S. army hosp. at Savage's Station, Va., and five times was ordered to the field under special commission from the governor of N. Y., four times as the State's representative. He was one of the eight surgeons who organized the hosp. at White House. His services led to his appointment by Gov. Morgan as sup't of the N. Y. State troops. He was instrumental in the preparation of an asylum for 2,500 patients in Virginia, and after Gen. McClellan's retreat to the banks of the James river, though offered freedom by the enemy, preferred to remain with his patients, and notwithstanding the scarcity of supplies succeeded in saving many lives. On his return he was complimented by the surg.-gen. of the U. S. army, and the surg.-gen. of the State, for his efficiency and patriotism. After the war he served for some time as health officer of the port of New York, at quarantine, being nominated by a Democratic governor, and confirmed unanimously by the senate. While in this position he suggested the establishment of large warehouses in the upper and lower bay, for the purpose of protecting the city against the introduction of yellow fever into the port, and lessening the period of quarantine, and secured the passage of a law preventing "runners" from boarding vessels before their permits were delivered to the mayors of the cities adjacent to the bay. He is now prof. of fractures and dislocations and clinical surgery in Albany med. coll.; and consult. surg. Albany hosp. He is a member of the med. soc. of Albany co., and of the med. soc. of N. Y. Among his published writings are: "An Address Showing the Identity of the Various Forms of Erysipelas, Peritonitis, Phlebitis, etc.," Transactions med. soc. N. Y., 1850; "Treatment of Fracture of the Femur by Simple Extension," *ibid.*, 1859; "Introduction of Air into the Uterine Veins, During Criminal Abortion, with Flexible Catheter," pronounced by Dr. Dalton the only authentic case on record; "Two Cases of Extra-Uterine Pregnancy," Transactions med. soc. N. Y., 1860; "Compound and Comminuted Gunshot Fractures of the Thigh, and Means for their Transportation."

BELL, T. S., Louisville, Ky., is prof. of the science and practice of medicine and public hygiene in the med. dep't of the univ. of Louisville. He is a member of the med. soc. of Ky.

LYMAN, GEORGE H., Boston, Mass., was admitted a member of the Mass. med. soc. in 1846. He is also a member of the Am. gynæcol. soc., and one of its council; of the Suffolk district med. soc., and one of its councillors; of the Mass. med. benevolent soc.; of the Boston med. asso.; of the Boston soc. for med. improvement. He is visiting phys. to the city hosp., Boston.

WIGGLESWORTH, EDWARD, Boston, Mass., was educated at Harvard univ., graduating A. B. from the literary dep't in 1861, and M. D. from the med. dep't in 1865, and is now clinical instructor on syphilis in that institution. He is a member of the Mass. med. soc., to which he was admitted in 1865; of the Am. social science asso., in which he is the chairman of the dep't of health; of the Am. public health asso.; of the Am. dermatol. asso.; of the Boston soc.

for med. observation; of the Boston soc. of med. sciences; of the Boston med. library asso.; of the Boston soc. of nat. hist.; of the Boston med. asso.; of the Boston med. benevolent soc.; and corres. member of the N. Y. dermatol. soc. He is phys. in charge of the Boston disp. for skin diseases. Among his more important contributions to medical literature are: "Alopecia," Publications Mass. med. soc., 1871; "Multiple Sarcoma of the Skin," *Archives of Dermatology*, 1876; "Fibromata of the Skin and Subjacent Tissues," *ibid.*, 1876; "Prurigo," *American Journal of Dermatology and Syphilis;* "Hæmorrhagic Small-Pox," *Boston Medical and Surgical Journal*, 1873; "Dactylitis Syphilitica," *American Journal of Dermatology and Syphilis*, 1872.

BODINE, J. M., Louisville, Ky., is prof. of anat. in the med. dep't of the univ. of Louisville, and dean. Is a member of the med. soc. of Ky., and of the Am. med. asso.

FRAZEE, LOUIS J., Louisville, Ky., son of Dr. Ephraim Frazee, of Mayslick, Mason co., Ky., was born at this place, Aug. 23d, 1819. He read medicine in the office of his maternal uncle, Dr. Anderson Donihan, and his grandson, Dr. John A. Coburn, in Germantown, Ky., and graduated from the Louisville (institute now) univ., in March, 1841. He located in Maysville in 1842, and with the exception of an absence of eighteen months during 1844–45, in Europe, practised medicine there till Dec., 1851, when he removed to Louisville. In 1849 he published "The Medical Student in Europe," a volume of 300 pp., descriptive of his trip, and referring to some of the objects worth seeing in Europe, with sketches of the prominent physicians, surgeons, and hospitals of Paris; was editor of the *Transylvania Journal of Medicine* in 1852 and 1853; wrote a report on "Indigenous Botany," and one on the "Mineral Waters of Kentucky," both published in the Transactions of the Ky. State med. soc. He has also contributed some articles to journals. He held the chair of materia medica and therapeutics in the Ky. school of med. for seven years, and the same chair during one session in the univ. of Louisville. For four years he was dean of the faculty of the first-named institution.

SEYMOUR, WILLIAM P., Troy, N. Y., graduated A. B. from Williams coll. in 1845, and M. D. from the med. dep't of the univ. of Pa. in 1848. He was prof. of materia medica in Castleton med. coll.; of materia medica, obstetrics, and gynæcology in Berkshire coll.; and of obstetrics and diseases of children in Albany med. coll. He is a member of the Rensselaer co., N. Y., med. soc.; a permanent member of the med. soc. of N. Y. State, and of the Am. med. asso.

DRINKARD, WILLIAM BEVERLY, Washington, D. C., received the degree of M. D. from the med. dep't of Columbia coll. in 1866, having graduated in 1865 from Royal coll. of surg., London, England. He is prof. of anat. in the National med. coll. of the Columbian univ., Washington, and one of the surgeons to the children's hosp. in that city. He is a member of the med. soc. of the D. of C.; of the med. asso. of the D. of C.; of the clinico-patholog. soc. of Washington; and of the Am. med. asso.

SMITH, WILLIAMS MANLIUS, Manlius, Onondaga co., N. Y., is a graduate of the med. dep't of the univ. of Pa. He is a member of the med. soc. of Onondaga co.; of the med. asso. of central N. Y. In the med. dep't of Syracuse univ. he fills the chair of adjunct prof. of materia medica.

DRAPER, WILLIAM H., New York city, graduated from the coll. of phys. and surg., New York, in 1855, and is clinical prof. of diseases of the skin in that institution. He is a member of the New York med. and surg. soc.; of the New York soc. for the relief of widows and orphans of medical men; of the New York pathol. soc.; of the New York acad. of med.; of the Medical Journal asso. of the city of New York; of the New York dermatol. soc.; of the New York soc. of neurology and electrology, of which he is vice-president; of the asso. of the alumni of coll. of phys. and surg., N. Y., of which he was president 1876–77; of the med. soc. of the county of New York. He is consult. phys. to St. Luke's hosp., New York; attending phys. at the Roosevelt hosp.; consult. phys. to the Trinity infirm.; consult. phys. to the Northwestern disp., and consult. to the House of Mercy, N. Y.

LENOW, JAMES HORACE, Little Rock, Ark., was born in Memphis, Tenn., Feb. 18th, 1850; graduated at Ky. military institute, A. B. in 1870, and A. M. in 1876; M. D. from the Jefferson med. coll., Philadelphia, in 1872. Is a member of the coll. of phys. and surg. of Little Rock, and was secretary of the same for three years. Was surg.-in-charge of Ark. State penitentiary for three years ending March, 1877. Is city phys. of Little Rock.

FEATHERSTON, JOHN R., Indianapolis, Ind., of German extraction, was born, Oct. 6th, 1840, at Lexington, Ky. He was educated at a private school, and graduated from the Ohio med. coll., March 2d, 1865, settling in the following year at Bridgeport, Ind., where he practised six years and a half, removing to Indianapolis in Sept., 1871. He is a member of the Ind. State med. soc., of which he has been librarian since May, 1876; and of the Marion co. med. soc., of which he was elected vice-president in Jan., 1876, and president in Jan., 1877.

KINSMAN, D. N., Columbus, O., was born at Heath, Mass., May 3d, 1834, of English stock. He was educated at the common schools, Deerfield acad., and the med. coll. of Ohio, graduating M. D. from the last in 1863. He is an honorary A. M. of Hillsdale coll., Mich. Practised three years at Circleville, O., and seven at Lancaster, then (1873) moving to Columbus. Was formerly prof. of diseases of women and children in Starling med. coll., Columbus, O.; is now prof. of the theory and practice of medicine in Columbus med. coll. Is a corresponding member of the Col. pathological soc., and a member of the central Ohio med. soc. His published writings comprise: "Hernia Cerebri," *Cincinnati Lancet*, 1870; "Sick Headache;" "Bright's Disease;" "Tuberculosis, following Application of Plaster Jacket;" "Salicylic Acid;" "Synopsis of Four Hundred Obstetric Cases," *Columbus Medical Recorder*, 1876 and 1877. Was health officer of Lancaster, O., and is U. S. pension examiner. Was married, July, 1857, to Isabella Stevens.

BROWNE, WILLIAM TRAVIS, Stockton, Cal., was born, June 30th, 1818, in James City co., Va. He is the son of Prof. Dabney Browne, of William and Mary coll., at which institution he was educated; studying medicine in the med. dep't of Hampden and Sidney coll. (now the med. coll. of Va.), from which he graduated in the spring of 1843. He settled first in Southampton co., Va., whence, in the following year, he went to Hicksford, Greensville co., where he remained actively in practice, first with Dr. David Meade, and afterwards with Dr. Orris A. Browne, until the fall of 1850, when he removed to California; resuming his practice in the spring of 1853 at Sonora, the county-seat of Tuolumne co., and going thence to Stockton in Aug., 1865, in which place he continued in general practice until April, 1875. He is a member of the State med. soc. of Cal., and was a member and vice-president of the med. soc. of Tuolumne co. when he resided in that county. In 1854, 1855, and 1856 he was physician to the Tuolumne co. hosp.; in 1871, 1872, and 1873, secretary of the Stockton board of health; and in April, 1875, was elected first ass't phys. to the insane asylum of the State of California, at Stockton. He married, in April, 1848, H. L. Kathern, of Herkimer co., N. Y.

JOHNSTON, ALBERT ADDISON, Dallas, Texas, of Irish descent, was born, Feb. 2d, 1835, near Bardstown, Nelson co., Ky After attending the common schools of his native county, he finished his education at St. Mary's coll., Marion co., Ky., and graduated from the med. dep't of the univ. of Louisville, Ky., in March, 1856; proceeding forthwith to Dallas, Dallas co., Texas, where he still resides. He is a member of the Dallas co. med. soc, of which he was elected president in 1876; and of the Texas State med. soc. At the beginning of the civil war he was appointed a surgeon in the Confederate States army, and served as such to the close of the war. He married near Dallas, Sept. 2d, 1858.

VAN VALZAH, HENRY B., Clearfield, Pa., great-grandson of Dr. Robert Van Valzah, the first physician who settled on the west of the Susquehanna, north of Carlisle; grandson of Dr. Robert Van Valzah, and son of Dr. Robert F. Van Valzah, was born in Millheim, Centre co., Pa., Feb. 5th, 1849. He was educated at Williston seminary, Mass.; graduated in medicine from the Jefferson med. coll., Philadelphia; graduated in March, 1873, and settled in Clearfield. Among his notable cases is mentioned one of pericarditis in a young man eighteen years of age, where the effusion tilted the heart until the apex beat was felt over the right nipple. With the disappearance of the effusion the heart was found strongly adhering to the right side, and its apex beat remains one inch below the right nipple. He is a member of the Pa. State med. soc., and of the Clearfield co. med. soc.; is now, and has been since 1873, secretary of the latter. His thesis on "Membranous Enteritis" was published in the *American Journal of Medical Sciences* for June, 1873. He was appointed U. S. examining surg. for pensions for Clearfield co. in 1874, and still holds that position.

HOUGH, DE WITT CLINTON, Rahway, N. J., son of General Joseph Hough, was born, Dec. 31st, 1826, in Point Pleasant, Bucks co., Pa. He was educated in the schools of his native place and at the

Newtown acad., and, having read medicine with Dr. Charles Fronefield, of Montgomery, Pa., entered the Jefferson med. coll., taking a full course of three years, and graduating in the spring of 1847. He began the practice at Tyler's Port, Montgomery co., Pa., remaining there one year, and then moving to Red Hill, Bucks co., where he practised three years, when he removed to Frenchtown, Hunterdon co., N. J., whence he changed, in 1857, after a residence of six years, to Rahway, Essex co., N. J. He is a member of the Union co. med. soc., of which he was elected vice-president in 1873. In 1867 he was elected by the Democrats to the mayoralty of Rahway, and re-elected the following year; was a member of the legislature in 1868 and 1869; and a member of the first board of water commissioners of Rahway, and its president from 1871 to 1874. He was commissioned in Sept., 1861, surgeon of the 7th N. J. vols., serving with the regiment, through all its engagements, for three years. In the winter of 1864–65, previously to resuming his practice at Rahway, he attended a course of lectures at the Bellevue hosp. med. coll., and availed himself of the advantages of the hospital clinics. He married, in 1850, Almira W. Runkle, of Milford, Hunterdon co., N. J.

WILCOX, LUCIAN S., Hartford, Conn., graduated from the coll. of phys. and surg., New York, in 1855. He is a member of the med. soc. of the county of Hartford, Conn.; fellow of the med. soc. of Conn.; and member of the Am. med. asso.

NEWELL, WILLIAM L., Millville, N. J., was born in Bridgeton, N. J., March 27th, 1834. He received his preliminary training at the Mount Holly acad., and subsequently attended Princeton coll. for two years. Graduated from Jefferson med. coll., Philadelphia, in 1859, and thereupon settled for practice in Millville. In 1862 entered the U. S. service as surgeon of the 24th N. J. infantry. With this regiment he continued for nine months, when he became brigade surg. (and surg.-in-chief of Kimball's brigade). Subsequently he served as surg.-in-chief of General French's division, 2d corps, army of the Potomac. On returning to private practice he located at Salem, N. J., for one year, when he returned to Millville. He is a member of the Cumberland co. district med. soc., and was its president in 1875; was a delegate to the Am. med. asso. in 1876. He was married, in 1869, to Sallie W. Maylin, daughter of E. W. Maylin, of Millville. She died Jan. 1st, 1876.

SHEPARD, JOSEPH FLAVAL, Phillipsburg, N. J., was born, March 30th, 1819, in Ranton township, Hunterdon co., N. J. Receiving his education in the schools of Hunterdon, he began in 1848 the study of medicine with Dr. Schenck, of Flemington, with whom he remained five years, attending, in 1851 and 1852, a course of lectures at the med. dep't of the univ. of New York, from which he graduated in 1853. He first settled at Hightstown, N. J., whence, after a short residence there, he removed to Phillipsburg. He is a member of the Phillipsburg med. soc., of which he is president, and of the Warren co. med. soc.; and in 1877 represented Warren co. in the State med. soc. For eleven years he has been a member of the Phillipsburg school board, of which for the last five years he has been treasurer; has been for several years a member of the Phillipsburg town council. He was married, in 1856, to Miss Cummings, of Belvidere, who died the following year; and again, in 1871, to Mrs. Hannah Stears, of Plainfield.

WARD, WILLIAM S., Newark, N. J., was born in Bloomfield, N. J., July 13th, 1821. After a course at an academy in Bloomfield, he entered Princeton coll. in 1838, from which he graduated in the class of 1841, receiving in due course the degrees of A. B. and A. M. In 1846 he matriculated at the coll. of phys. and surg. of New York, from which he graduated in 1849 and located in Newark. He has at different times served as district phys. During the operation of the Ward hosp., in Newark, he was connected with its staff as ass't surg., and shortly after the battle of the Wilderness was detailed for duty at Washington, D. C., where he performed efficient service. He is a member of the Essex med. union. He was married, May 10th, 1850, to Elizabeth H. Stitt, of Philadelphia.

TRENOR, EUSTACE, Alameda, Cal., graduated from the coll. of phys. and surg., New York, in 1856. He is a member of the med. soc. of Alameda co.; of the med. soc. of Cal.; and of the Am. med. asso.

THOMPSON, J. FORD, Washington, D. C., is prof. of surgery in the national med. coll.; of the Columbian univ., Washington; and one of the attending phys. at Providence hosp. in the same city. He is a member of the med. soc. of the District of Columbia, and was vice-president in 1873; of the med. asso. District of Columbia; and of the Am. med. asso.

YOUNG, THEODORE J., Titusville, Pa., was born at Neustadt an der Hardt, in Palatina, Germany, Dec. 9th, 1834, and is of German parentage. He was educated at Progymnasium, in his native country, then entered upon a course of studies in medicine in the Ohio med. coll., Cleveland, and also in the med. dep't univ. of Pa., graduating 1868; he subsequently established himself in Titusville, Crawford co., Pa. He is a member of the Crawford co. med. soc., elected in 1869; corresponding secretary 1872; president 1878; in 1872 he became a member of the med. soc., State of Pa., and in the same year of the Am. med. asso. For three years he served as school director in Titusville, Pa., and since 1875 has held the appointment of surgeon of the three railroads centring in Titusville, Pa. During the progress of the late civil war he was appointed, Jan. 30th, 1863, ass't surg. 124th Pa. vols.; mustered out with the regiment on the following May 17th; May 18th, 1863, he was reappointed to the 7th Pa. cavalry, and mustered out with his regiment Aug. 23d, 1865. His contributions to medical literature consist of medical reports, in State Transactions, vol. ix., part 1, June, 1872; *American Journal of Medical Science*, No. 140, October, 1875; "Amputation of Clavicle and Scapula." He was married in 1858.

ELLINWOOD, CHARLES NORMAN, San Francisco, Cal., was born at Cambridge, Vt., April 12th, 1838, of American parentage. His medical education was received at Rush med. coll., Chicago, and the school of med., Paris, France. He graduated in 1858; settled first in Chicago, and removed to San Francisco in 1867. In association with Dr. Powell he started the first free dispensary in Chicago, and the clinic of Rush med. coll. Is a member of the Am. asso. for the advancement of science; of the San Francisco acad. of science; and of the Am. public health asso. His published writings comprise articles to the medical journals on "Strictures of the Urethra," and "Scurvy." During the war he served as surg. of the 74th reg. Ill. vols., and since 1872 has been surg. U. S. marine hosp. service, at San Francisco. He is now, and has been since 1870, prof. of physiology in the med. coll. of the Pacific; was associated with the first organizers of the Chicago acad. of sciences. Was married in Aug., 1875.

ANDERSON, JAMES, New York city, graduated from the med. dep't of the New York univ. in 1820. He is a member of the med. soc. of the county of New York; of the New York soc. for the relief of the widows and orphans of medical men, and one of its benefactors; of the New York acad. of med.; and of the New York physicians' mutual aid asso.

BURNS, JAY WILLIAM, Utica, Minn., of Scotch descent, was born, Dec. 11th, 1845, at Oakfield, Wis. He was educated at the Fond du Lac high school, and graduated from the Rush med. coll., Feb. 2d, 1870. He settled first at Mayville, Wis., next at Oakfield, then at Lake Crystal, Minn., and finally at Utica, in that State. He is a member of the Minn. State med. soc.; of the Wis. State med. soc.; of the Fond du Lac co. med. soc., of which he was elected secretary in 1873; and of the Rock River med. soc., of which he was elected secretary, Jan. 9th, 1872. He married, June 30th, 1872, Hattie Beeson, daughter of Dr. H. S. Beeson, of Lomina, Wis.

LOCKWOOD, THEODORE PRENTISS, Crystal Springs, Miss., was born near that place, Sept. 11th, 1839. Having received a good English and Latin education at home, he studied his profession in the New Orleans school of med., from which he graduated as valedictorian in March, 1866, settling at Crystal Springs, where he now is. He has treated with complete success eight cases of puerperal eclampsia. He is a member of the Copiah co. med. asso., and of the Miss. State med. asso., of which he is at this time vice-president; and was a delegate to the Am. med. asso., at Chicago, in 1877. He has contributed several articles to the *Southern Medical Record*, of which he was at one time associate editor; and in 1867 was editor of *The Copiahan*, the medical journal of his county. He has been twice chosen as a delegate to the Democratic State convention, and in 1872 ran for the State legislature on the Greeley ticket, losing the race by thirty votes. During the civil war he was a lieutenant in the Southern army under Gen. Albert Sidney Johnston. He married, Nov. 22d, 1869, O. Emma Patton, and has two children.

CROSS, JEREMIAH A., Newark, N. J., was born, Feb. 21st, 1827, in Schoharie co., N. Y. When twenty-five years old he began the study of medicine; in the fall of 1854 entered the med. dep't of the univ. of Mich., and in 1856 the Albany med. coll., receiving his degree in the spring of that year. In August of the same year he settled in Newark, N. J. Immediately after the battle of Williamsburg, in 1862, he joined

the little company of surgeons who volunteered from New Jersey to go to the front and care for the wounded; and during his absence the U. S. army hosp. at Newark was established. To this institution he was appointed, upon his return, ass't contract surg., a position which he held until Dec., 1863, when he relinquished it in order to accept the post of surg. to the board of enrolment of the fifth congressional district of New Jersey. This latter office he retained until the final suppression of the rebellion, returning to private practice in 1865. In 1870 he was appointed one of the staff of St. Michael's hosp., and in the same year phys. to the Essex co. home for the insane, both of which appointments he continues to hold. He is a member of the N. J. State and Essex co. med. socs. He was married, April, 1859, to Eveline, daughter of Reynier Van Giesson, of Mount Clare, N. J.

WARD, JOHN W., Trenton, N. J., was born, Feb. 12th, 1840, in Salem, N. J. He received his education at Fairfield, Herkimer co., N. Y., where he pursued a full collegiate course. He graduated in the spring of 1866 from med. dep't univ. of Pa. After practising his profession for about a year he was appointed, May 14th, 1867, as second ass't phys. at the N. J. State lunatic asylum, Trenton. He filled that position for five years, when he was promoted to be first ass't phys. of the same institution. After acting in that capacity for a term of four years he was appointed, on April 1st, 1876, as phys.-in-charge and superintendent of the asylum, succeeding Dr. Buttolph. He was married, March 5th, 1873, to Horacana B., daughter of the late Caleb Sager.

TODD, LYMAN BEECHER, Lexington, Ky., was born in Fayette co., Ky., near Lexington, April 16th, 1832. His grandfather, Gen. Levi Todd, came from Virginia in early, perilous times; he was a man of ability and learning, and was the first clerk of Fayette co. His father, James Clarke Todd, was sheriff of Fayette co. for sixteen years. Dr. Todd graduated at Centre coll., Danville, Ky., June, 1850, and at the Jefferson med. coll., Philadelphia, in 1854, settling down to practice in Lexington. In 1857 he was elected city phys. He is a member of the Lexington and Fayette co. med. soc.; of the Ky. State med. soc., and treasurer for six years, being elected in 1869. He has contributed to Prof. Gross' *Medico-Chirurgical Review*, and to the *Louisville Medical Journal*. Was postmaster at Lexington from 1861 to 1870, and in 1874 he was appointed surg. to the U. S. military forces stationed at Lexington. Oct. 3d, 1854, was married to Sarah Frances, daughter of Stephen Swift, Esq., of Lexington, Ky.

BULKLEY, EDWARD, New Haven, Conn., graduated from the med. dep't of Yale coll. in 1856. He is a member of the med. soc. of New Haven co., from which he was a delegate to the Am. med. asso. in 1876; of the med. asso. of New Haven, of which he has served as secretary and treasurer; and of the med. soc. of Conn. During the war he served for nine months as acting ass't surg. U. S. vols.

VAN RENSSELAER, LEDYARD, Burlington, N. J., was born there Nov. 20th, 1843. He comes of the well-known Van Rensselaer family of New York, which has for many generations furnished to New York city and State some of their brightest and most useful citizens. He received his classical education at the coll. of N. J., Princeton, from which he graduated in the class of 1866; became a student in the med. dep't of the univ. of Pa., Philadelphia, and graduated in the class of 1869. After taking his degree he spent twelve months with great profit in the hospitals in Vienna and Berlin; returned to his native city and commenced practice in 1871. He was chosen health officer of the city during the years 1872 and 1873, and president of the Burlington co. med. soc., 1875–76.

LAMPLEY, CALEB BLISS, Greenville, Ala., was born at Rockingham, N. C., July 22d, 1830, his parents being of French and English extraction. He was educated in the univ. of S. C., and graduated in medicine from the med. dep't of the univ. of the city of New York in 1851. First practised in New York city; then at Hayneville; and in Greenville since 1870. He is the founder of the Butler co., Ala., med. soc.; was first its secretary, then president, and subsequently one of the board of censors; is a member of the med. soc. of the State of Ala., and one of its vice-presidents. During the war served in the army as a surgeon. Was married, Oct. 8th, 1856, to Thurza J. Rudolph, of Greenville, and has two children.

LANKFORD, A. P., St. Louis, Mo., graduated at Jefferson med. coll. in 1866; is prof. of surgery and clinical surgery in the Mo. med. coll., and prof. of surgical clinics at St. John's and the city hosps., St. Louis. Is a member of the Am. med. asso.

KENNEDY, JAMES CHARLES, Batavia, O., was born in Butler co., Pa., Feb. 11th, 1809. Was educated at the common schools and the med. coll. of O., from which he graduated in 1838. Practised first at Felicity and then at Batavia. Was appointed by the Ohio legislature member of the commission sent to bring the remains of Gen. Haines from Mexico in Feb., 1846. The following year he was elected to the legislature. Is a member of the Am. med. asso.; of the Ohio State med. soc., and of the Clermont co. med. soc.; of the last he has been corresponding secretary or president since its organization in 1853. Formerly he was a contributor to the *Western Lancet*. Was surgeon of a regiment of U. S. infantry in transit from Newport, Ky., to Mexico in 1846. Has been twice married—in 1835 and 1850.

JONES, CHARLES HYLAND, Baltimore, Md., was born in Somerset co., Md., Oct. 1st, 1828; attended Baltimore med. institute and the univ. of Md., graduating M. D. from the latter in 1851, and settling in Baltimore. Is a member of the Baltimore med. asso., and was elected president Feb. 22d, 1869; and of the med. and chirurg. faculty of Md., elected vice-president April, 1877. Served for four years as act. ass't surg. in U. S. army, being for a portion of the time surgeon in charge of the Jarvis U. S. army general hosp. Is now a director in the Drovers' and Mechanics' bank.

BROWN, JACOB R., Sumptious Prairie, Ind., was born, Dec. 7th, 1823, at Augusta, O. He graduated in medicine in 1849, having settled in 1845 at Osnaburgh, O., from which he removed in 1851 to Sumptious Prairie, Ind. He is a member of the Ind. State med. asso., which he represented in the Am. med. asso. in 1877; of the St. Joseph's Valley dis't med. asso., which he assisted to organize; and of the St. Joseph's co. med. asso., of which he is one of the founders. In Oct., 1862, he was commissioned ass't surg. of the 29th Ind. vol. infantry. He married in 1848.

NORTH, JOHN, Keokuk, Iowa, was born, Feb. 28th, 1844, at Middleton, Columbiana co., O. He is of Quaker parentage, and is himself a member of the Society of Friends. He was educated at a select Friends' school, and graduated from the med. dep't of the univ. of Mich. in 1868. He first settled at Cedar Rapids, Iowa, whence he moved to Iowa City, where he was demons. of anat. in the Iowa State univ. from 1870 to 1873. He filled the chair of anatomy in the coll. of phys. and surg. at Keokuk in 1875 and 1876, and since the latter year has filled the chair of chemistry, toxicology and materia medica in the same institution. He is a member of the Am. med. asso., of the Iowa State med. soc., and of the Iowa union med. asso. He is at present preparing a work on "Medical Chemistry." "Prof. North's Process for Preventing Incrustation in Steam Boilers," patented Jan. 15th, 1878, is the fruit of his invention. He married, June 12th, 1872, Caddie Boydston, of Davenport, Iowa.

LYMAN, JOSEPH WALTER, Towanda, Pa., of Vermont parentage, was born, Aug. 17th, 1823, in Susquehanna co., Pa. Having attended Harpard acad. in his native county for three years, he read medicine with the late Dr. B. A. Bouton, of Scranton, Pa., for six years, during which period he took two full courses of lectures at the Jefferson med. coll., from which he graduated in 1849. After practising in Wyoming co., Pa., twenty-three years, he removed in 1870 to Towanda, Bradford co., his present residence. He has no specialty, but prefers obstetric practice. He is a member of the Bradford co. med. soc., of which he was elected vice-president in 1877. He has held the office of postmaster for several years. During the civil war he was for one year exam. surg. of permits and drafted men for the 13th dis't. He married, Jan. 3d, 1854, and has one child.

DEFOREST, DANIEL A., Boonville, Ind., was born, Nov. 6th, 1833, in Warrick co., Ind. He was educated at Greencastle, Ind., and graduated at the Yale med. coll. in March, 1858, settling first in Ashleysburg, Ky., whence in 1862 he removed to Newburg, Ind., and thence in 1869 to Boonville, in that State. He is a member of the Tri-State med. soc. of Ind., Ill., and Ky.; and of the med. asso. of Warrick co., of which he was elected vice-president in June, 1876. During the civil war he was ass't surg. in the 25th Ky. infantry. He married Nov. 2d, 1858.

JONES, JOHNSTON BLAKELEY, Charlotte, N. C., was born at Rock-Rest, Chatham co., N. C., Sept. 12th, 1814; son of Col. Edward Jones, for many years attorney-general of North Carolina. Was educated at schools at Hillsboro' and Raleigh, and at the univ. of N. C., except the junior year. Studied surgery under M. Penochaud, at La Charité (Velpeau), and medicine at Hotel Dieu (Rogér) and the Venereal hosp. (Ricord), in Paris, for two years. Returned

to the U. S., and graduated from the med. dep't of the univ. of S. C., Charleston, in 1841; having previously attended lectures in that city during 1836–37. Practised at Chapel Hill (univ. of N. C.) until 1866, and then removed to Charlotte. Was a member of the convention that met in Raleigh and formed the med. soc. of the State of N. C., and is now a member; was a delegate to the Am. med. asso. at its meeting in Charleston in 1853. Much of his practice is gynæcological. Was married, Oct., 1841, to Mary Stuart, of Daly's Hill, N. C.

ALLEN, HARRISON, Philadelphia, Pa., was born in Philadelphia, April 17th, 1841, and graduated from the univ. of Pa. in 1861. Soon thereafter was appointed one of the res. phys. to the Philadelphia hosp. In July, 1862, he entered the regular army as ass't surg., and served until Nov., 1865, retiring to accept professorship of comparative anat. and med. zoölogy in med. dep't univ. of Pa. In 1867 he was elected prof. of anat. and surgery in Philadelphia dental coll., and in 1870 surg. to Philadelphia hosp. and secretary of its med. board. His researches and writings relate chiefly to osteomyelitis, human anatomy and morbid anatomy. In 1869 he published his "Outlines of Comparative Anatomy and Medical Zoölogy," which has attained standard rank as a text-book. Extending the principles of anatomical science to the study of the development of the fine arts, he has delivered before the Am. philosophical soc., and other learned bodies, several addresses on the "Origin and History of Art-Designs," tracing them to anatomical archetypes, and thus throwing an entirely new and instructive light on this interesting subject. His more important writings are as follows: "Description of a New Skin Disease," *American Journal of Medical Sciences*, 1862; "Post-Mortem Examinations in Army Hospitals in Washington," *ibid.* (Transactions pathol. soc. of Philadelphia), 1864; "Case of Purpura-Hæmorrhagica," *ibid.*, 1864 (Transactions pathol. soc. of Philadelphia); "Localization of Diseased Action in the Osseous System," *ibid.*, 1870; "On the Mechanism of Fracture of the Skull," *ibid.*, 1874; "Conformation of the Bones of the Orbit," *ibid.*, 1870; "Osteological Notes," four papers, *Philadelphia Medical Times*, 1872; "Pelvic Necrosis," *ibid.*, 1873; "Inflammation of the Long Saphenous Vein," *ibid.*, 1871; "On the Rhinoscope and Diseases of the Pharynx," *ibid.*, 1872; "On a New Method of Operating for Phymosis," *ibid.*, 1872; "On Fractures of the Lower Jaw Treated by the Interdental Splint," *ibid.*, 1872; "On the Anatomy of the Cerebrum," *ibid.*, 1877; "Topical Applications in Surgery," *ibid.*, 1876; "On Localization of Diseased Action in the Œsophagus," *ibid.*, 1877; "On Pathological Anatomy of Osteomyelitis," *Am. Jour. Med. Sci.*, 1864; "Facial Neuralgia," *Dental Cosmos*, 1870; "The Jaw of Moulin-Quignon," *ibid.*, 1869; "Examination of the Siamese Twins," in conjunction with Dr. W. H. Pancoast, Transactions of the coll. of phys., 1875; "Note on the Anatomy of the Perineum," *ibid.*, 1876; "On the Mechanism of Joints," Transactions of the International med. congress, Philadelphia, 1876; "A Memoir on the Analysis of the Life Form in Art," Transactions of Am. philosoph. soc. of Philadelphia, 1874; "Studies in the Facial Region," J. B. Lippincott & Co. (*Dental Cosmos*), 1874; "Outlines of Comparative Anatomy," J. B. Lippincott & Co., 1876. He is a member of the co. med. soc. of Philadelphia, of the coll. of phys. of Philadelphia, of the patholog. soc. of Philadelphia, and is vice-president; of the biolog. and micro. section of the acad. of nat. sciences of Philadelphia; Am. philosoph. soc., Philadelphia, and of the ophthal. soc. of Philadelphia. In the International med. congress, 1876, he was a delegate from the centennial commission.

HOWARD, BENJAMIN, New York city, graduated from the coll. of phys. and surg., New York, in 1858. He is a member of the N. Y. acad. of med., of the section of obstet. and diseases of women and children of the N. Y. acad. of med.; of the med. soc. of the co. of N. Y. He is now (Feb., 1878) in Europe. In 1870 he took the Am. med. asso. prize for an essay entitled "On the Treatment of Aneurism, with experiments for the Closure of Arteries by a New Method."

LINSLY, JARED, New York city, graduated from the coll. of phys. and surg., New York, in 1829. He is a member of the New York soc. for the relief of widows and orphans of med. men, and one of its managers and benefactors; of the N. Y. acad. of med., of the N. Y. phys. mutual aid asso., and of the med. soc. of the co. of N. Y. He is consult. phys. to the Presbyterian hosp., New York, the New York dispensary, and the New York asylum for lying-in women.

LUDLUM, WILLIAM S., New York city, graduated from the coll. of phys. and surg., New York, in 1862. He is a member of the Am. otological soc., of the N. Y. acad. of med., of the Medical Journal

asso. of the city of New York, and of the med. soc. of the co. of N. Y.

RUSHMORE, JOHN D., Brooklyn, N. Y., graduated from the coll. of phys. and surg., New York, in 1870. He is lecturer on materia medica in the Long Island hosp. coll., Brooklyn; member of the Kings co., N. Y., med. soc., of the med. soc. of the State of N. Y., of the patholog. sec. of the Kings co. med. soc., of the N. Y. ophthal. soc., of the Am. otological soc. He is attend. surg. at St. Peter's hosp., Brooklyn, and ass't surg. at the Brooklyn eye and ear hosp.

WEISSE, FANEUIL D., New York city, graduated from the univ. of the city of New York in 1864, and is prof. of surgical anat. in that institution. He is a member of the N. Y. acad. of med., of the Medical Journal asso. of the city of New York, of the East River med. asso. of the city of New York, in which he is one of the committee on medical ethics; of the New York medico-legal soc., of which he is curator and pathologist; of the N. Y. dermatolog. soc., of the N. Y. neurolog. soc., and of the med. soc. of the co. of N. Y. He is attend. surg. at the New York dental infirmary. In the International med. congress, Philadelphia, 1876, he was a delegate from the centennial commission.

WOOD, EDWARD STICKNEY, Boston, Mass., son of Alfred Wood, of Cambridge, Mass., was born in Cambridge, April 28th, 1846. He was educated at the Cambridge high school and Harvard coll., and pursued his professional studies at the Harvard med. school, from which he graduated in March, 1871, beginning the practice of medical chemistry in Boston the following September. At the same date he became ass't prof. of chemistry in the Harvard med. school, and in Sept., 1876, prof. He is a member of the Boston soc. for medical observation, of the Boston soc. of medical sciences, of the Cambridge soc. for medical improvement, and of the Mass. med. soc. He has published in the *Boston Medical and Surgical Journal* semi-annual reports on the "Progress in Medical Chemistry." He married, Dec. 26th, 1872, Irene E. Hills.

MARKOE, THOMAS M., New York city, graduated from the coll. of phys. and surg., New York, in 1842. He is the prof. of surgery in that medical school. He is a member of the med. soc. of the co. of N. Y.; of the N. Y. med. and surg. soc.; of the N. Y. soc. for the relief of widows and orphans of med. men; of the N. Y. patholog. soc., of the N. Y. acad. of med., and of the Medical Journal asso. of the city of New York. He is attend. surg. at the New York hosp., and at the Roosevelt hosp.; consult. surg. to the woman's hosp. of the State of N. Y.; consult. phys. to the nursery and child's hosp.; a member of the staff of consulting phys. and surg. of the New York dispensary; consult. surg. to the Northern dispens., and to the New York orthopœdic dispens. and hosp.

HARRIS, ELISHA, New York city, graduated from the coll. of phys. and surg., New York, in 1849. He is a member of the Am. public health asso., its secretary from its organization; of the N. Y. soc. for the relief of widows and orphans of med. men; of the N. Y. acad. of med.; of the Medical Journal asso. of the city of New York; of the N. Y. phys. mutual aid asso.; of the public health asso. of N. Y., and a member of its executive committee; and of the med. soc. of the co. of N. Y. He is consult. phys. to the country branch of the nursery and child's hosp. He was a delegate from the Am. public health asso. to the International med. congress, Philadelphia, 1876. His writings have been mainly upon vital statistics of the city of New York and sanitary matters generally. In 1867 he read a paper before the Am. med. asso. on "Epidemic Cholera: its Causes and the Means for its Prevention," Transactions Am. med. asso., 1867.

METCALFE, JOHN T., New York city, graduated from the med. dep't of the univ. of Pa. in 1843. He is emeritus prof. of clinical medicine in the coll. of phys. and surg., New York. He is a member of the N. Y. med. and surg. soc.; of the N. Y. soc. for the relief of widows and orphans of med. men; of the N. Y. patholog. soc.; of the N. Y. acad. of med.; of the Medical Journal asso. of the city of N. Y.; of the N. Y. phys. mutual aid asso., and of the med. soc. of the co. of N. Y. He is consult. phys. to the Bellevue hosp., to St. Luke's hosp., to the Roosevelt hosp., to the woman's hosp. of the State of N. Y., to the hosp. of the N. Y. soc. for the relief of the ruptured and crippled, and to the New York orthopœdic dispens. and hosp.

MANSON, JOHN C., Pittsfield, Me., was born at Merideth, N. H., and is of American-English descent. Graduated from the med. dep't of the univ. of N. Y. in 1853, and settled in Pittsfield. Is a member of the Somerset co. med. asso., and served as

president for two years. Was a member of the State legislature in 1873. Married in 1854.

WYKOFF, JAMES H., Princeton, N. J., was born near Long Branch, Monmouth co., N. J., March 16th, 1832. Was educated at West Nottingham acad., Cecil co., Md., the coll. of N. J., and the med. dep't of the univ. of N. Y., from which he graduated in 1854. First practised at Hightstown; removed to Princeton in 1859. Is a member of the N. J. State med. soc., of the Mercer co. med. soc., the acad. of med., Newark, and the medico-legal soc. of N. Y. Married June 7th, 1854.

VINCENT, HENRY C., Guildford, Ind., was born at Cincinnati, O., Oct. 26th, 1826. Studied at and graduated from the Starling med. coll., Columbus, O., in 1849, and from the Ohio med. coll. in 1872. Has always practised in Dearborn co., Ind., except during two years' absence in Sacramento, Cal. Is a member of Dearborn co. med. asso., of the Ind. State med. soc., and of the Am. med. asso.; was president of the first-named society in 1876. Is a trustee of York township, Ind. Was ass't surg. 83d Ind. vol. infantry; wounded at Black River, Miss., in 1863, and was sent home on furlough; returned to the army on recovery and was present at the siege and capture of Vicksburg. Was married in 1850 to Mary L. Ward.

NEWELL, WILLIAM A., Allentown, N. J., was born in Ohio, was educated at Rutgers coll., and graduated from the med. dep't univ. of Pa. in 1839. He settled in New Jersey when quite a young man. Is a member of the Monmouth co. med. soc., and of the N. J. State med. soc. Has been prominent in politics as a Republican. Was representative in congress from 1847 to 1851, and during that time the intimate personal friend and fellow-boarder of Abraham Lincoln. In 1856 he was elected governor of New Jersey; was elected to the thirty-ninth congress, and was an unsuccessful candidate for re-election to congress in 1868 and 1870. He was a candidate for the U. S. senate in 1871, and for governor in 1877, being unsuccessful each time; his opponent in the latter contest was Gen. Geo. B. McClellan. For years he was vice-president of the union league.

WARD, ARTHUR, Newark, N. J., was born at Belleville, N. J., Dec. 23d, 1823, his father being Dr. S. L. Ward. Was educated at Bacon acad., Colchester, Conn., and took a four years' course at Yale, from which he graduated in 1844, and in due course received the degree of A. M. Studied medicine under Dr. Thomas Cock, of New York city, and graduated from the coll. of phys. and surg. of New York city in 1847. Is a member of the Essex dis't med. soc., of the Essex med. union; is corresponding member of Conn. med. soc.; was delegate to the N. J. State med. soc. in 1876. Married Anna C., daughter of Robert Lee, of Rahway, N. J., in 1854.

TRAVER, LORENZO, Providence, R. I., of American parentage and mixed English and German descent, was born in Nassau, Rensselaer co., N. Y., Oct. 7th, 1834. He graduated M. D. from the Albany med. coll., June 9th, 1857, and located himself in New Bedford, Mass., in general practice. He settled in Providence in 1868, and is a member of the med. asso. of that city, and of the R. I. med. soc. In Nov., 1861, he entered the U. S. navy, and remained there seven years as act. ass't surg. In May, 1875, he married Ellen E. Smith, daughter of the late Frederick Henry Smith, of Providence, R. I.

STOCKWELL, JAMES KIRK, Oswego, N. Y., was born at Wilson, N. Y., Oct. 25th, 1844. Graduated from Buffalo med. coll. in 1870, and from the coll. of phys. and surg. of New York city in 1871. Practised first for six months at Lansing, Mich., then moved to Oswego. Specialty, ophthalmology and otology. Is a member of Oswego co. med. soc., and has been its secretary since June, 1872; and of Central N. Y. med. asso. Is health phys. for Oswego city. Served as private in 23d N. Y. bat. light artillery for one year during the war. Married Dec. 7th, 1870.

RUST, CHARLES B., Wilmington, Del., was born at Pleasant Grove, Warren co., Va., Nov. 8th, 1852, his mother, previous to marriage, being a Miss Ashley. Both the Rust and Ashley families have been prominently identified with Virginia since early colonial times. He was educated at Shenandoah valley acad., and the Washington and Lee univ., Va. On graduation he began the study of medicine under Dr. Wm. P. McGuire; entered the med. dep't of the univ. of Va. in 1872, and passed to that of the univ. of Pa., graduating from the latter institution in 1874. During July and August, 1873, he served as substitute for the phys. in Md. univ. hosp. For two years he practised in his native county, then matriculated at Jefferson med.

coll., Philadelphia, and was appointed the senior res. phys. of St. Mary's hosp. by Dr. Nebinger, its med. director. In this position he remained until 1877, when he settled in Wilmington.

ANAWALT, JAMES WHITE, Greensburg, Pa., was born at Bakersville, Somerset co., Pa., Oct. 14th, 1828, of ancestry American on both sides for two hundred years. Was educated at the common schools, Mt. Pleasant coll., Mt. Pleasant, Pa., and the Jefferson med. coll., Philadelphia, graduating from the last in 1855. Previously to settling in Greensburg he practised at Somerset and New Stanton, Pa. Is a member of the Westmoreland co. med. soc., of which he was president in 1877; of the Pa. State med. soc., and of the Am. med. asso. Was a delegate to the International med. congress, Philadelphia, 1876. He served for four years during the war as ass't surg., surg. of a reg., and as surg.-in-chief of brigade and division. Is unmarried.

HENRY, WILLIAM CRAWFORD, Aurora, Ind., of Scotch-Irish descent, was born, Feb. 1st, 1841, in Wayne co., O. He was educated at a country school, and at the Vermillion institute, Hayesville, O., and studied medicine at the Miami med. coll., Cincinnati, graduating March 1st, 1870. He first settled in Tipton, Mo., from which, Nov. 1st, 1871, he removed to Aurora, Ind. He makes a specialty of diseases of the eye and ear. He is a member of the Ind. State med. soc., and of the Dearborn co. med. soc., of which he was elected secretary May 1st, 1874. In the civil war he served three years on the Federal side. He is married.

KENYON, CURTIS G., San Francisco, Cal., was born in the State of New York, Feb. 3d, 1846, of American parentage, and was educated at Abingdon coll., Knox co., Ill. He graduated from the med. dep't univ. of Cal. in 1873. Is a member of the med. soc. of the State of Cal.; of the San Francisco city and co. med. soc., corres. sec. in 1875, rec. sec. in 1877, and vice-president in 1878. He is demons. of anat. in the med. coll. of the Pacific, San Francisco. Was married in 1877.

CLARK, P. HENRY, Ashland, O., was born at Wakeman, O., Aug. 3d, 1819; the son of Dr. H. M. Clark, surg. in the U. S. navy in the war of 1812. Was educated at Oberlin coll., Willoughby, O., and Buffalo med. coll., N. Y., graduating from the latter in 1862. Practised for some years first at New Haven, Ind., and at Ozaukee, Wis., and since 1850 at Ashland. Served as act. ass't surg. in the army of Mississippi in 1862, and in the army of the Potomac in 1863. Is a member of the Ashland co. med. soc., and has been president and secretary; of the Ashland co. scientific asso., and has been president; of the Ohio State med. soc., and of Ohio State archæological soc. Since Dec., 1862, has been exam. surg. for pensions. Has been twice married; the second time, in 1857, to Elizabeth, daughter of Dr. B. B. Clark, of Ashland, O.

BAIN, WILLIAM C. A., Brownstown, Ind., was born in Trimble co., Ky., Dec. 5th, 1819. Was educated at St. Louis and Evansville, Ind., graduating from the med. coll. of Evansville in 1850. Before settling at Brownstown he practised at New Frankfort, Newry, and Reddington, Ind. Is a member of the Jackson co. med. soc., of the Mitchell dis't med. soc., and of the Ind. State med. soc. Was an ass't surg. in the volunteer force at the siege of Vicksburg. Has been married twice; the second time, in 1862, to Mary M. Moreland.

BRUEN, EDWARD TUNIS, Philadelphia, born in that city, graduated in medicine from the univ. of Pa. in March, 1873, and settled in practice in Philadelphia. He is a member of the patholog. soc., of the co. med. soc., and of the obstet. soc. of Philadelphia. He is phys. to the Philadelphia hosp., and lecturer on the pathology of urine in the univ. of Pa.

HELSBY, THOMAS HENRY, Williamsport, Pa., was born in Baltimore, Md., Oct. 5th, 1834. Was educated at Baltimore central high school, and graduated at the univ. of Md., school of med., in 1858. Practised in Baltimore until April, 1861, when he entered the army as act. ass't surg. and was commissioned ass't surg. U. S. army Aug. 5th, 1861. Was assigned to duty at the gen. hosp., Annapolis, Md., until Nov., 1862; joined the army of the Potomac, and served with the 6th and 11th U. S. infantry, and had charge of the 2d div., 5th corps, field hosp. until Jan., 1863, when he was stationed in Baltimore, and later given charge of the gen. hosp. at Frederick, Md., till the close of the war. Resigned April, 1866; returned to Baltimore and was appointed prof. of chemistry in the med. coll. of pharmacy. In 1868 he resigned and moved to Williamsport. While residing in Baltimore he was a member of the Baltimore med. soc., and several times a delegate to the Am. med. asso. Is a mem-

ber of Lycoming co. med. soc., and has filled the office of president; also of the med. soc. of the State of Pa., of which he was elected vice-president in 1873. Organized the Williamsport dispens. in 1869, and acted as phys. to the dep't of throat and chest diseases. Is a member of the board of trustees of the Williamsport hosp., chartered in 1874.

NOEGGERATH, EMIL, New York city, is a native of Germany, and graduated in medicine from the univ. of Bonn in 1852. He is a member of the N. Y. acad. of med., of the Medical Journal asso. of the city of New York, of the N. Y. obstet. soc., of which he is corres. sec.; of the N. Y. phys. mutual aid asso., and of the med. soc. of the co. of N. Y. He is one of the attend. phys. and surg. at the German hosp., New York, division for diseases of women.

CAPRON, GEORGE, Providence, R. I., was born in Cumberland, R. I., May 16th, 1802. By reason of reverses suffered by his father, he was sent, at seven years of age, to reside with Judge Peleg Arnold, a distant relative and wealthy farmer, who also for many years held important offices in the gift of his town and State. He remained with his relative three years, receiving about three months' schooling every year. At the age of ten he returned home and went to work in a factory, where he remained for several years, receiving but two months' schooling during this period and until he was thirteen, although his family on both sides were highly educated. He then applied himself closely to study, obtained a clerkship which occupied him twelve or fourteen hours a day, gained a knowledge, nevertheless, of English grammar, natural philosophy, chemistry, and Latin, and taught school at nights after his work was over. At eighteen years he began the study of medicine with Dr. Levi Wheaton, of Providence, still continuing his school, and improving himself the while in rhetoric, mental philosophy, history, etc. He attended a course of medical lectures in Boston, and also at the medical school just then connected with the Brown univ., the lecturers of which were also professors at Harvard. He commenced practice in 1823 in North Providence, graduated M. D. from Brown univ. in 1824, advocating in his thesis the use of opium in dysentery. He removed to Providence in 1835. His practice is general, but is principally obstetric, in which branch he has gained a wide reputation, as he has attended nearly 8,000 labor cases. He was elected a member of the R. I. State med. soc. in 1824, was for many years its censor previous to 1850, and has been its second and first vice-president and president. He has contributed a large number of papers on medical subjects to the *Boston Medical and Surgical Journal*, to the Transactions of the State med. soc., etc., etc. The following are among the more important: "On the Various Forms of Aphthæ, or Diseases of the Mucous Membrane, etc., with Method of Treatment;" another, in 1850, "On that variety of Deformity in the Pelvis, in which there is a Narrowness of the Antero-posterior Diameter, caused by Undue Development of the Promontory of the Sacrum," frequently met with among the women of the laboring class, who while growing have had to bear heavy burdens, with advice as to the time to deliver, etc., etc.; a paper "On the Physiological Action of Ergot in Obstetrical Practice, etc.;" one on "Belladonna;" one on those "Obstetrical Cases where the Head is the Last Part Expelled, etc.;" one "On the Necessity of Always Being Provided with Forceps," read before the Providence med. asso.; "Cases of Placenta Prævia, etc.;" "On Hemorrhage from the Umbilicus in Infants," read before the Providence med. asso.; "Art of Applying Forceps, etc.," *ibid.*; "Venesection in Puerperal Convulsions," *Boston Medical and Surgical Journal*; "On the Abuse of Cathartics," read before the above-named society. He is also author of a semi-medical work of between six and seven hundred pages, which passed into other hands, and is now out of print. He was for several years phys. to the marine hosp. at Providence, and during the war served for a short season at Hampton Roads. He married in 1823, and lost his wife in April, 1875. He married again in June, 1876.

JELLY, GEORGE S., McLean Asylum, Somerville, Mass., received his preliminary education at Brown univ., graduating A. B. in 1864, and having studied in the med. dep't of Harvard, received his diploma from that institution in 1868. He is the phys. and sup't of the McLean asylum. Is a member of the State med. soc., to which he was admitted in 1848.

WALLACE, ELLERSLIE, Philadelphia, Pa., was born there June 15th, 1819. He comes of English and Scottish ancestry, and claims to be a direct descendant of Robert Bruce. His literary education was obtained at Bristol coll., and in early life he followed the business of surveying. He studied medicine under his brother, Dr. Joshua Wallace, then demons. of anat. at Jefferson med. coll., from which institution he

himself graduated in 1843. Settling down to practice in Philadelphia, he was appointed demons. of anat. in his *alma mater*, and held the position until he resigned to accept the chair of obstet. and diseases of women and children, then made vacant by the resignation of Dr. C. D. Meigs, and still continues to fill it. He is a member of the coll. of phys. of Philadelphia; of the Philadelphia co. med. soc., and of several gynæcol. socs. A number of articles on medical, surgical, and obstetrical subjects have been furnished by him to the journals of his profession. During the war he was an active member of the Union League of Philadelphia. In 1847 he married Miss Wistar, daughter of Bartholomew Wistar, Esq.

SMITH, SAMUEL PARRISH, Prattville, Autauga co., Ala., whose father, moving to Alabama in 1818, was one of the early pioneers of that State, was born in Jones co., near Clinton, Ga., Sept. 8th, 1814. His early education was obtained at the common schools in the neighborhood, and his medical studies were pursued under Dr. J. W. Withers, of Washington, Autauga co., Ala.; at the Jefferson med. coll., during the winter of 1835 and the summer of 1836, where he took partial courses in anatomy, materia medica, chemistry, and practice, paying special attention to the lectures of Dr. W. P. C. Barton on medical botany. He also attended the clinics of the Pa. and Blockley hosps., and took a full course at the Jefferson coll. the ensuing winter. He returned to Autauga county in the spring of 1837, and commenced practice with his former preceptor. In November he visited New Orleans and entered the med. dep't of the univ. of La., from which he graduated the following spring. Returning to Autauga he continued in practice there till 1845, when he settled in Prattville in a general surgical and medical practice. Among his more important cases he has successfully operated on a young lady for strangulated femoral hernia; also for the removal of a shawl-pin from the trachea of a lady, where it had lodged during laughter, an operation which took three hours to perform, etc. There has also come under his experience a case of natural childbirth, but where, in the endeavor to remove the placenta, he found, incorporated in the secundines, a dead fœtus, the cause of a supposed miscarriage with which his patient had been threatened in the fifth month of her pregnancy, leading him to the supposition that both children were conceived at the same time; also of a case in which a blooded negro woman had given birth to twins, one within fifteen minutes of the other, the first born being black, flat-nosed, thick-lipped, kinky-haired, and black-eyed, and the second being a light mulatto, with straight red hair and hazel eyes, the case illustrating the fact that the children may have had different fathers. He is a member of the Autauga co. med. soc., of the Ala. State med. asso., and of the Am. med. asso. He was first president of the county med. soc., and has been councillor of the State asso. His contributions to medical literature have been a report on the "Medical Botany of Autauga County," a report of the "Medical History of Prattsville and Vicinity," and a report upon the "Surgery of Autauga County." He has been road commissioner and trustee of schools of his township, and councillor of the town of Prattsville; also exam. surg. for various life insurance companies. In Feb., 1840, he married J. Adelaide Allen, of Washington, Autauga co., Ala.

WALKER, CLEMENT A., Boston lunatic hosp., South Boston, Mass., graduated A. B. from Dartmouth coll. in 1842, and M. D. from the med. dep't of Harvard univ. in 1851. He has always made a specialty of mental diseases, and is the sup't and phys. of the Boston lunatic hosp. He is a member of the asso. of med. sup'ts of Am. institutes for the insane, and its vice-president 1876–77; from it he was a delegate to the International med. congress, Philadelphia, 1876; a member of the New England psychol. soc.; of the Mass. med. soc. since 1855; of the South Boston med. club, and its president 1876–77. He is phys. to the public institute at South Boston.

ATKINSON, WILLIAM BIDDLE, Philadelphia, Pa., the son of Isaac S. Atkinson, of Philadelphia, and Mary R. Biddle, of Haverford, Pa., was born in Haverford, Delaware co., Pa., June 21st, 1832. William Atkinson, his grandfather's grandfather, was one of the early settlers of Burlington, N. J. His mother's grandfather came from Germany. The family of the subject of this sketch shortly after his birth removed to Philadelphia, where he was educated, receiving in 1850 the A. B. from the Central high school; A. M. in 1855. After a three years' term of study at the Jefferson med. coll., under the preceptorship of Dr. Samuel McClellan, in 1853 he received the degree of M. D. For several years after his graduation he occupied a portion of each day in teaching the classics and mathematics. In 1854 he was elected to membership in the Philadelphia co. med. soc., the proceedings of which he reported for several years for medical journals, and which he finally issued

in book form as "Discussions before the Philadelphia County Medical Society." For several years he acted as correspondent for the *New Jersey Medical and Surgical Reporter*, the *New York Medical Times*, the *Nashville Medical Journal*, the *New Orleans Medical Journal*, and others. This led to his association with Dr. S. W. Butler, in 1858, as associate editor of the *Medical and Surgical Reporter*, which they shortly changed from a monthly to a weekly. At the close of 1859 this relation was severed, and Dr. A. then assumed the position of editor of the department of obstetrics and diseases of women and children of the *North American Medico-Chirurgical Review*, then under charge of Prof. S. D. Gross. This continued until the civil war caused the publication of this journal to be discontinued. In 1857 he commenced to lecture independently on obstetrics. In 1861 he was elected to the department of obstetrics and diseases of women of the Howard hosp. of Philadelphia, which position he still holds. In 1859 he was appointed ass't to the prof. of obstet. and diseases of women and children of the Pa. med. coll., which was then in the hands of an able faculty, who attracted a large number of students. While here he conducted the gynæcological clinic, at that time, and for some years, the only one in Philadelphia. His connection with this institution ceased in 1861, when the entire faculty resigned, and the college became defunct. He was elected ass't secretary, then secretary of the Philadelphia co. med. soc., and served in that office for seven years, when he declined a re-election and was chosen vice-president, and president in 1873. On retiring from this office he delivered the annual address, which was published by the society, entitled "Hints in the Obstetric Procedure." In consequence of a great demand, this was subsequently extended and published in book form, a large edition of which was soon exhausted. He became a member of the State med. soc. of Pa. in 1858, and was made a member of its committee of publication, a position he has held continuously ever since. In 1863 the position of permanent secretary of this body was created, and he was elected to that office, and has been retained, and as such has edited its annual volume of Transactions up to the present time. In 1859 he became a permanent member of the Am. med. asso. When its laws were changed in 1864, and the post of permanent secretary was created, he was unanimously chosen to that office, which he still retains, and has each year edited its annual volume of Transactions. He is a member of the Northern med. asso. of Philadelphia, its secretary and its president. In 1874 he was selected to deliver the address in obstetrics, which was a review of the year's progress in that branch, Transactions med. soc. Pa., 1874. He is the author of "Evidence of Life in the Newly-Delivered Child," *Medical and Surgical Reporter*, 1873, reprinted in the *Dublin Hospital Gazette* and in the American supplement to the *Obstetric Journal Great Britain and Ireland;* "Chloral in Labor," *ibid.;* "Veratrum Viride," *ibid.;* "Forceps in Labor," *ibid.* He is editor of the *Medical Register and Directory* of Philadelphia. In March, 1877, he was elected to the lectureship on diseases of children Jefferson med. coll. During the war he served as acting ass't surg. He married, in 1867, Jennie R. Patterson, of Philadelphia, who died in 1871, leaving one child, a boy.

SIMPSON, JAMES, San Francisco, Cal., was born in the northern part of Maine, Aug. 12th, 1829. Removed at an early age with his parents to Quebec, Canada, where he was educated and resided until twenty. Studied medicine in the Albany med. coll., N. Y., and also in the univ. of the city of New York, graduating from the latter in 1855. Practised a while at New Brunswick, and at Calais, Me., removing to California and locating at Timbuctoo, Yuba co. Thence moved to Grass Valley, Nevada co., and in 1873, in consequence of failing health, visited Europe, and returning settled in San Francisco. He is a member of the Am. med. asso.; of the Cal. State med. soc.; of San Francisco med. soc. In May, 1876, he was elected president of the board of med. examiners of the State med. soc., under a law just passed to regulate the practice of medicine in the State; was appointed in 1874 a member of the board of health of San Francisco by the governor; still retains both offices. In Jan., 1878, was elected prof. of materia medica and therapeutics in the med. dep't of the univ. of Cal. Was married in 1859, and has four children.

SABINE, THOMAS T., New York city, graduated from the coll. of phys. and surg., New York, in 1864, and is adjunct prof. of anat. in that institution. He is a member of the New York med. and surg. soc.; of the New York acad. of med.; of the Medical Journal asso. of the city of New York; of the Roman med. soc.; of the med. soc. of the county of New York, of which he is one of the board of censors. He is a member of the med. council of the colored home for the aged and indigent, New York; attending surg. at St. Luke's hosp.; attending surg. at the New York orthopœdic dispensary and hosp.

SOULÉ, A. G., San Francisco, Cal., son of William Soulé, of Alburg, Vt., born at that place, Dec. 23d, 1820; educated at public schools and at an academy in Vt.; graduated in medicine from the Berkshire med. coll., Pittsfield, Mass., in 1846, and from Bellevue hosp. med. coll., New York, in 1864. He established himself first at Movers, Clinton co., N. Y., in 1847, and removed to San Francisco in 1850. He then located himself at the mines on the Yuba river, in company with a brother physician, who died from cholera there, in 1852. In the fall of 1854 he moved to Marysville, and to San Francisco in April, 1864. In Sept., 1864, he was elected phys. of the city and county hosp., and had full charge of the medical wards for the six years ensuing. He there made a special study of chest diseases, and by careful auscultation and autopsis revealed to the profession the fact of the great frequency of internal aneurisms, all of which were verified by autopsies. He was president of the San Francisco med. soc. in 1873, and treasurer of that soc. from its organization to that time. He has contributed papers on the subject of internal aneurism to various med. journals and med. societies. He was city treasurer of Marysville in 1856, and again in 1858, and city and county phys. in charge of hosp. of Marysville from 1860 to 1862. In 1863 he served on the med. staff at McDougall gen. hosp., Ft. Schuyler, for a few months. In 1848 he married M. M. Ransom, of Clinton, N. Y.

ALLEYNE, J. S. B., St. Louis, Mo., is prof. of therapeutics and materia medica, and diseases of children in the St. Louis med. coll. He is a member of the St. Louis med. soc.; the Mo. State med. soc.

ELLIS, CALVIN, Boston, Mass., was educated at the Harvard univ., graduating as A. B. from the literary dep't in 1846, and as M. D. from the med. dep't in 1849. After receiving his degree he settled down to practise in Boston. He is a member of the Am. acad. of the arts and sciences; of the Boston soc. for med. observation; the Boston soc. for med. improvement; of the Boston soc. of med. sciences; of the Boston med. asso.; of the Mass. med. soc., to which he was admitted in 1850; of the Mass. med. benevolent asso.; of the Suffolk district med. soc., of which he is a councillor; and of the Am. med. asso. He is prof. of clinical medicine in the med. dep't of Harvard univ., and attending phys. to the Mass. general hosp. Among his contributions to medical literature the more important are: "Obstruction of Lung, caused by Pressure on the Primary Bronchus," *Boston Medical and Surgical Journal;* "The Tendency of Disease in one Part to Excite it in Another," *ibid.*, 1870; "Capillary Bronchitis," clinical lectures, 1874.

WORTHINGTON, ALBERT BROWNELL, Middle Haddam, Conn., was born in Colchester, Conn., May 23d, 1819, and is the son of Artemas and Clarrissa Worthington. His elementary and literary education was acquired at the common schools of his native State, and at Bacon acad. He entered upon a course of studies in medicine under the guidance of John P. Fuller, M. D., and afterward was a pupil under W. W. I. Warren, M. D., and Archibald Mercer, M. D. In 1845–46 he attended one course of lectures at Crosby street, New York city; and in 1847 one course at Yale med. coll., graduating from that institution in Jan., 1847. On the following March 20th he settled in Middle Haddam, Conn. He is a member of the Middlesex co. med. soc.; and of the Middlesex Central med. soc.; also a fellow of the State med. soc.; and in 1867 was delegate to the National med. soc. His contributions to medical literature consist of various biographies of physicians. He has held no public office, except that of registrar of births, deaths, and marriages. He was married, July 22d, 1848, to Mary Elizabeth Selden, by whom he has had three children.

MORRIS, THEODORE FRELINGHUYSEN, Jersey City, N. J., was born in New Brunswick, N. J., Dec. 30th, 1831. He is descended from revolutionary stock, his great-grandfather, Jonathan T. Morris, having been a commissioned officer in the revolutionary army, who was wounded in the battle of Trenton and died at the head-quarters of Gen. Lafayette, at Morristown, N. J. Theodore F. Morris received his education at the classical academy at Belvidere. At eighteen he began to study medicine. In the winter of 1854–55 he matriculated at the univ. of New York. In the spring of 1855, after passing examination before the board of censors, he was licensed by the N. J. State med. soc. to practise as a physician. He at once settled in Jersey City. In the winter of 1862–63 he attended lectures at Bellevue coll., receiving a diploma from that institution in the spring of 1863. He is a member of the district med. soc. of Hudson; has several times served as the delegate of that soc. to the State med. soc., and was delegate to the Am. med. asso., June, 1876. He was one of the organizers of the Jersey City charity hosp., and serves on its med. staff. He is also one of

the staff of the Hudson co. church hosp. He acted on the staff of St. Francis' hosp. from the time of its organization up to July, 1873. For several years he was phys. to the children's home in Jersey City, and for a number of years acted as city phys. In the early stage of his practice he served a term of three years as coroner of Hudson co. In 1863, when the call was made for army surgeons, he at once offered his services, but his efforts to be placed on active duty at "the front" were unsuccessful. Married, in 1855, to Gertrude Johnson, a granddaughter of Stephen Vreeland.

SMITH, WILLIAM A., Newark, N. J., was born, March 30th, 1820, in Guilford, Chenango co., N. Y. His parents were natives of Connecticut, and removed to Chenango county in 1804, when it was a wilderness. After a course in the academy of his native town, he entered Geneva coll., where he finished his literary education, and in the spring of 1847 graduated from its med. dep't. Having practised at Sidney Plains, Delaware co., N. Y., for five years, he removed to Norwich. On the outbreak of the war he became ass't surg. of the 89th reg. N. Y. vols.; was soon promoted to a surgeoncy and put in charge of the 103d N. Y. reg. On May 3d, 1863, while on duty with the regiment, then stationed at Suffolk, Va., he was very severely, and almost fatally, wounded, the ball entering just below the heart and coming out at the spinal column, between the hips. In the following autumn, believing himself totally unfitted for further service, he resigned his commission and returned home; but in Jan., 1864, having sufficiently recovered, he again took the field, and was appointed surg. of the 47th N. Y. reg., then stationed at Hilton Head; here he remained only a short time, when he was ordered to Jacksonville, Fla., to assume charge of the hospital there, which he soon reorganized and put in effective order. This was just previous to the battle of Olustee, in which the Union troops were fearfully slaughtered, and 1,500 of the wounded came under his immediate care at Jacksonville. He continued on duty at this place until July, 1864, when he came up to the Savannah river, and was ordered to superintend, on behalf of the government, the exchange of prisoners held in that vicinity. In this line of duty he was engaged at various places, having meanwhile charge of the general prison hosp. at Newport News, until his appointment as health officer for Norfolk, Va., in which capacity he served till Sept., 1865, when, the war being over, he was ordered to his regiment, to be mustered out of service with his comrades. Returning with a shattered constitution from the field, he took up his residence in Newark, N. J., intending, on account of his health, to engage in an office practice only; but was soon drawn into general practice. He is a member of the N. J. acad. of med., as also of the Essex co. med. union, and during his term of practice in his native county in New York he was president of the med. soc. of Chenango co. He was married, Aug. 30th, 1847, to Elizabeth Wade, of Guilford, N. Y.

LAMPSON, R. MILLS, Chinese Camp, Cal., was born at South Hero, Grand Isle co., Vt., Dec. 28th, 1831, of American parents. He graduated at the Vt. med. coll. in 1852, and first practised in Berkshire, Vt., but moved to California in 1853. Is a member of the Cal. State med. soc. Was for four years visiting phys. to the State insane asylum at Stockton, Cal., and for one term was a member of the State legislature. Was married in 1863.

COMMONS, WILLIAM, Union City, Ind., of Irish descent, was born, Sept. 26th, 1836, in Wayne co., Ind. He was educated in the common schools, at the Franklin industrial acad., and Oberlin coll., O., studying medicine in the med. dep't of the univ. of Mich., and at the med. coll. of O., graduating, July 6th, 1863. Until Oct., 1863, he was house surg. of the Commercial hosp., Cincinnati, O., when he entered the U. S. navy, on retiring from which he settled at Bradford, O., where he remained three years, and afterwards removed to Union City, Ind. He is a member of the Ind. State med. soc.; of the Delaware district med. soc.; and of the Randolph co. med. soc., of which he was elected vice-president, Jan. 12th, 1877, and censor, Jan. 9th, 1878. His contributions to medical literature comprise the report of a "Case of Occlusion of the Colon," *Cincinnati Lancet*, 1864; reports of cases in the *American Practitioner;* a paper on "Hereditary Transmission of Phthisis," and one on "Sulphate of Quinine in Inflammatory Rheumatism and in Obstetric Practice." In 1871–72 he was a member of the board of education of Bradford, O.; and in April, 1872, was elected a member of the first common council of that town. He was appointed ass't surg. in the U. S. navy, Oct. 26th, 1863, and confirmed as such by the senate, Feb. 22d, 1864, serving as ass't surg. of the U. S. flagship "Hartford" in 1864, and being under orders to join the U. S. ship "Patapsco" when she was sunk off Charleston in Jan., 1865; joining the flag-ship "Lancaster," of the

Pacific squadron, in June, 1865; cruising in the Pacific in the "Saginaw" in search of the Confederate privateer "Shenandoah" in June and July, 1865; acting as U. S. consul *ad interim* at Panama, October and November, 1865; organizing and taking charge of the U. S. hosp. ship "Fredonia," at Calao, until July, 1866; and finally joining the "Suwanee," and remaining with her until ordered to the U. S. in May, 1867, after which, July 24th, 1867, he resigned his commission. He married, Jan. 1st, 1865, Lydia J. Starbuck, the daughter of his guardian.

JONES, WILLIAM PALMER, Nashville, Tenn., son of William Jones and Mary (Powell) Jones, of Ky., was born in Adair co., Ky., Oct. 17th, 1819. He attended the Louisville med. institute in 1839–40, and subsequently received diplomas both from the med. coll. of Ohio and the Memphis med. coll. He established himself first at Edmunton, Ky., then removed to Bowling Green, Ky., and finally to Nashville in 1849. He is a member of the Am. med. asso.; the Am. asso. for the advancement of science, and the Tenn. State med. soc. In 1853 and for several years thereafter he was one of the editors of the *Southern Journal of Medicine and Physical Sciences*, published in Nashville. His "Necessities of the Insane in Tennessee," Transactions of the Tenn. State med. soc.; "Adequate and Impartial Provision for the Insane of the State," are his last public contributions to medical literature. He has also been connected with the unprofessional press in the capacity of editor and proprietor, having in 1852 established the *Parlor Visitor*, and in 1874 being associate editor of the *Tennessee School Journal*. He has held the position of prof. of mat. med. in the Shelby med. coll., an institution founded by himself in association with a number of other physicians in 1858; was placed in charge of the acad. hosp., the first established in Nashville, on the arrival of the Union forces in Tennessee. In 1862 he was superintendent of the Tenn. hosp. for the insane, the second, if not the first hosp. for colored persons ever erected on this continent; and though unanimously re-elected to the same position in 1870, he declined accepting it because of an injury which he had received from a lunatic, resulting in paralysis. In 1876 he was elected president of the Nashville med. coll., and made prof. of psychological medicine and mental hygiene in that institution. He has been president of the Nashville city council, and State senator from the Nashville district; and while in the senate introduced the public school law, which provides "equal educational advantages for all the children of the State, without reference to race, color, or condition;" he also obtained the provision by law for two additional hospitals for the insane. In May, 1877, he was appointed and confirmed postmaster of Nashville. In Oct., 1851, he married Elizabeth J., daughter of Robert B. Currey, Esq., of Nashville.

LOWELL, JAMES WARREN, Ferry Village, Me., was born at Phillipsburg, Me., March 22d, 1842, and is descended from English and Scotch ancestry. He graduated from the med. school of Me., Bowdoin coll., in 1866, and began practice in Ferry Village. During the war served as ass't surg. in the U. S. army. Is a member of the Me. med. asso.; and of the Cumberland co. med. asso. Is chairman of the board of public health, and supervisor of public schools. In practice he makes a specialty of diseases of the lungs. Is married.

SQUIBB, EDWARD R., Brooklyn, N. Y., graduated from the Jefferson med. coll., Philadelphia, in 1845. He is a member of the Kings co., N. Y., med. soc.; of the med. soc. of the State of N. Y.; of the Am. med. asso.; of the New York acad. of med. At the International med. congress, Philadelphia, 1876, he was one of the representatives of the med. soc. of the State of N. Y., and read a paper before the section on sanitary science on the subject of "A Universal Pharmacopœia," which was published in the Transactions of the congress. He has published many valuable papers upon pharmaceutical subjects.

WHEELOCK, GEORGE G., New York city, graduated from the coll. of phys. and surg., New York, in 1864. He is lecturer on physical diagnosis in the faculty of the spring session of that institution, and also one of the clinical assistants. He is a member of the New York med. and surg. soc., of which he is treasurer; of the Medical Journal asso. of the city of New York; of the New York phys. mutual aid asso., of which he was elected a director in 1874; of the Roman med. soc.; a councillor of the asso. of the alumni of the coll. of phys. and surg., New York; and a member of the med. soc. of the county of New York. He is one of the district phys. of the New York asylum for lying-in women; attending phys. at the nursery and children's hosp.; and attending phys., dep't diseases of the chest, at the bureau of med. and surg. relief for the outdoor poor at Bellevue hosp.

CLARK, SAMUEL S., Belvidere, N. J., was born in Flemington, N. J., Nov. 8th, 1825. He is a son of the Rev. John F. Clark, and a grandson of the Rev. Joseph Clark, D. D. The last named was a student at Princeton coll. at the breaking out of the revolutionary war, and, entering the colonial army, served with distinction on General Washington's staff. The war ended, he returned to Princeton, completed his education, took holy orders, and was for many years pastor of the First Presbyterian Church at New Brunswick. Dr. Clark's great-uncle, General John Maxwell, commanded the New Jersey battalion in the war of the revolution, thus giving him a doubly patriotic ancestry. He received his preparatory education at the school of the Rev. John Vanderveer, at Easton, and in 1841 was admitted to Lafayette coll. After remaining here two years he entered the junior class at Princeton, and graduated in 1845. He graduated from the med. dep't of the univ. of New York in 1848, and in the same year established himself at Belvidere. Is a member of the Am. med. asso.; N. J. State and Warren co. med. socs. Was married in 1854 to Jane C., daughter of James C. Kinney, M. D., of Warren co.

LOGAN, JOSEPH PAYNE, Atlanta, Ga., was born in Botetourt co., Va., in Nov., 1820; the son of Rev. J. D. Logan, a Presbyterian minister. Received the principal part of his education in Lexington, Va.; took a course at Washington coll., in that place, and graduated from the med. dep't of the univ. of Pa. in 1841. Has practised in Culpepper co., Va.; Atlanta, Ga.; and Baltimore, Md.; finally settling in Atlanta. Was prof. of physiology in the Atlanta med. coll., and prof. of the principles and practice of medicine in Washington univ., Baltimore. Is a member of the Atlanta acad. of med.; of the Ga. med. asso.; and of the Am. med. asso.; has served as president of the two first, and as vice-president of the last named. Was editor of the *Atlanta Medical and Surgical Journal* for a number of years, and is the author of reports to the State board of health of Georgia upon small-pox and yellow fever, serving as chairman of both committees. He is a member of the State board of health of Georgia by appointment of the governor. Married A. E. Pannill, of Orange co., Va.

CHARTER, LATHROP RUSSELL, West Union, West Va., was born at Springfield, Mass., Oct. 10th, 1816. Was educated at the Hartwick seminary, N. Y. State; attended first course of lectures at Albany med. coll., N. Y., and a second course at Woodstock, Vt., where he graduated M. D. in 1841. Practised for a while in New York State, and has been thirty-one years in his present location. Is a member of the West Va. State med. soc. Was superintendent of free schools for Doddridge co. for three years, and for two years was mayor of West Union.

WALES, JOHN PATTEN, Wilmington, Del., was born there in Jan., 1831, his father being the late U. S. senator John Wales. After a literary training in the schools of Wilmington, and N. J. coll. institute, he began studying medicine under Dr. L. P. Bush, of Wilmington. Graduated from the med. dep't of univ. of Pa. in 1852. For a year thereafter was hosp. phys. for Baltimore city and county almshouse. In 1853 he began practice near Wilmington. On the outbreak of the war he was offered a surgeoncy, but preferred to become a soldier, and was commissioned captain in the 17th U. S. infantry, May, 1861. Was first stationed at Fort Preble, Portland, Me., where the regiment was organized; then sent to McClellan's army, and attached to the 5th army corps. He served through all the fighting on the Peninsula, the second Bull Run, Antietam, and all the campaigns of the army of the Potomac to the close of the war, having command of his regiment at and after the battle of Fredericksburg. At the end of the war it scarcely mustered men enough for a full company. In 1865 he resigned his commission and returned to practice in Wilmington. Has been twice married—in 1858 to Miss Belin, daughter of Henry Belin, Esq., of Delaware, who died within a year; in 1863 to Miss Wood, daughter of W. H. Wood, Esq., of Portland, Me.

BRACKETT, CYRUS FOGG, Brunswick, Me., was born at Parsonsfield, Me., June 25th, 1833. Received his literary education at Bowdoin coll.; attended lectures at the med. dep't Harvard univ., and graduated from the med. school of Me., at Bowdoin coll., in 1863. Was prof. of chemistry in Bowdoin coll. from 1864 to 1873, and held a similar chair in the med. dep't of the college for the same period. Since 1873 has been prof. of physics in the coll. of N. J., Princeton.

WYLIE, ADAM NEWTON, Ripley, O., was born in Washington co., Pa., Jan. 27th, 1814; the son of Dr. Adam Wylie. Was educated at Ripley schools and college, and graduated from Transylvania med. coll., Lexington, Ky., in 1841. In the same year

began practice in Decatur, O.; spent the winter of 1847–48 at the Jefferson med. coll., Philadelphia, and on his return located in Ripley. Is a member of the Brown and Adams co. med. soc.; of the Brown co. acad. of med.; of the Ohio State med. soc.; and of the Am. med. asso. Was married in April, 1857.

GRIER, JOHN HAYES, Oriole, Lycoming co., Pa., was born at or near to the Brandywine Manor Church, Chester co., Pa., in 1814, his father being Rev. John Hayes Grier. He graduated at Jefferson med. coll., Philadelphia, in 1840, and settled first in Seneca co., O.; then returned to Pennsylvania, and finally located in Nippenose Valley in 1859. Is a member of the med. soc. of Williamsport, and has served as vice-president. Married Amanda Malvina Quiggle in 1840, and has had seven children.

PLATT, GIDEON L., Waterbury, Conn., was born in Middlebury, Conn., July 20th, 1813. He graduated in medicine from Yale coll., med. dep't, in 1838, and located himself at Waterbury, where he has ever since resided. His practice is surgical, obstetrical, and general. He is a fellow of the Conn. med. soc., and a member of the Am. med. asso. He married in 1843. His eldest son has been a practising physician for six or seven years, and his second son is now a student of medicine in Baden, Prussia.

HENRY, FREDERICK PORTEOUS, Philadelphia, Pa.; born in Cranbury, N. J., July 21st, 1844, of Scotch parentage; received his education in New York, Brooklyn, Tours (France), Dresden (Germany), and at Princeton, N. J. He graduated in medicine from the coll. of phys. and surg., New York, in 1868. Settled first in that city, and moved to Philadelphia in 1869. He is a member of the patholog. soc. of Philadelphia, of which he was treasurer in 1876; and of the Philadelphia co. med. soc. He has contributed articles to the *Philadelphia Medical Times* and to the Transactions of the patholog. soc. of Philadelphia. Is physician to the hospital of the Protestant Episcopal Church, Philadelphia. Is married.

LONG, ISAAC S., Freehold, N. J., was born, June 28th, 1839, at Hughesville, Warren co., N. J.; was educated at home, and at Easton, Pa.; graduated from the med. dep't of the univ. of Pa. in 1866. Practised at Englishtown for six years; then removed to Freehold. Is a member of the N. J. State med. soc., and of the Monmouth co. med. soc., of which he was president in 1868. Was married, June 12th, 1872, to Jennie E. Drummond.

JILLSON, BENJAMIN CUTLER, Pittsburgh, Pa., born at Willimantic, Conn., July 15th, 1830; graduated in letters at Yale coll. He studied medicine at the univ. of Louisville, and at the univ. of Nashville; graduated from the latter M. D. in 1857, and settled first in Nashville, and then in Pittsburgh. He is a member of the Am. asso. for the advancement of science; of the Allegheny co. med. soc.; of the Pa. State med. soc.; and of the Am. med. asso.; and has held all the offices in the first named since its formation in 1865. He served three years in the Union army as ass't surg.; has filled the chair of zoölogy and botany in the western univ. of Pa.; and is now principal of the Pittsburgh high school.

TOLAND, H. H., San Francisco, Cal., prof. of the principles and practice of surgery in the Toland med. coll., San Francisco, is a member of the med. soc. of the State of Cal., and of the Am. med. asso.

HOMANS, CHARLES D., Boston, Mass., was educated at Harvard univ., where he graduated A. B. in 1846, and M. D. in 1849. He is a member of the Mass. med. soc., to which he was admitted in 1850, and in which he serves as member of the committee on finance; of the Suffolk dis. med. soc., of which he is a councillor; of the Mass. med. benevolent soc.; of the Boston med. asso.; of the Boston soc. for med. improvement; of the obstetrical soc. of Boston, of which he was first vice-president in 1876–77. He is visiting surgeon to the city hosp.

HODGES, RICHARD M., Boston, Mass., was educated at Harvard univ., graduating A. B. from the literary dep't in 1847, and from the med. dep't in 1850. Has always practised in Boston; is a member of the Mass. med. soc., to which he was admitted in 1853; of the Suffolk dis. med. soc., of which he is a councillor; of the Mass. med. benevolent soc., of which he is one of the trustees; of the Boston med. asso.; of the Boston soc. for med. improvement. He is visiting surgeon to the Mass. gen. hosp.

MCDOWELL, GEORGE MONTGOMERY, Barnesville, Ga., of Scotch ancestry through his father, Charles McDowell, and of English through his mother, Elizabeth Heard Crain, a granddaughter of

Stephen Heard, who was governor of Georgia in 1781, was born in Pike co., Ga., July 26th, 1834. He was educated by private tutors, and also at Pike acad., and studied medicine at the Jefferson med. coll., Philadelphia, where he graduated in March, 1855. He established himself in Barnesville, Pike co., in 1855; in 1857 he retired to his farm, but returned to Barnesville and resumed general practice in 1860. He is a member of the Middle Georgia med. soc., of which he was vice-president in 1874 and president in 1875; also of the Georgia med. asso., and was its president in 1871 and 1872. He is the author of papers on "Acute Endogastritis;" "Influence of Tubercular Diathesis on the Menstrual Function and Uterine Diseases;" "Infidelity and Materialism in the Medical Profession," etc., etc. He was captain of a company in the 4th Georgia battalion Confederate army in 1861; surgeon to the 3d battalion Georgia sharpshooters in 1862, and surgeon-in-chief of division in 1863 and 1864. He was taken prisoner at Missionary Ridge and placed in charge of a Confederate hosp. He suggested in 1872 the organization of a State board of health, and also of a State inebriate asylum, and the legislature in 1874 adopted the former suggestion. In Nov., 1855, he married Sophronia L. Mays, of Barnesville.

MAURY, FRANCIS FONTAINE, Philadelphia, Pa., was born at Danville, Ky., August 9th, 1840. His father was a Virginian of French Huguenot extraction. He was educated at Centre coll., Danville, and graduated in 1859. Attended first course of lectures at the med. dep't of univ. of Va.; the second at the Jefferson med. coll., Philadelphia, from which he graduated in 1862. He has always practised in Philadelphia, preferring surgery. Among his operations have been: amputation at the hip-joint, successful; the first operation for gastrotomy in this country; for stricture of the œsophagus; excision of the brachial plexus of nerves for painful neuroma of the skin; four times, successfully, for extrophy of the bladder; twice extirpated the thyroid gland, etc. For two years he edited the *Photographic Review of Medicine and Surgery*, and has published various reports of medical and surgical cases. Is surgeon to Jefferson med. coll. hosp., and the Philadelphia hosp. Was surgeon in charge of the U. S. army hosp., Twenty-fourth and South streets, Philadelphia, for a time during the war. Is lecturer on venereal and cutaneous diseases in the summer school of the Jefferson med. coll.; fellow of the coll. of phys. of Philadelphia, and member of the patholog. soc. of Philadelphia. Is married and has two children.

NICHOLS, HENRY L., Sacramento, Cal., was born at Augusta, Me., Sept. 11th, 1823, and graduated M. D. from Bowdoin coll. in 1845. Practised first in Augusta, and moved to Sacramento in 1853. Is a member of the Sacramento co. soc. for med. improvement, and of the med. soc. of the State of California. Was mayor of Sacramento City in 1858 and 1859; secretary of state from 1867 to 1871; is a member of the State capital commission; director of the State prison, and trustee of the State library. Married Sept. 7th, 1847.

O'NEILL, ARTHUR, Conneautville, Pa., was born in Half-moon Valley, Centre co., Pa., June 17th, 1837. Was educated at an academy in Franklin, Pa., and graduated from the med. dep't of the univ. of Mich. in 1864. Practised first at Oil City, then Meadville. Is a member of Crawford co. med. soc., elected president April, 1877. Contributed to *Michigan Medical Journal* articles on "Pulmonary Paresis," and "Observation of the Action of Tincture of Arnica in Pneumonia."

BAUDUY, J. K., St. Louis, Mo., is professor of psychological medicine, diseases of nervous system and clinical medicine in the Missouri med. coll., and clinical professor of diseases of the nervous system at St. Vincent's asylum and the city hosp., St. Louis. He is the superintendent of the St. Vincent's institution for the insane; member of the Am. med. asso.; of the Am. neurolog. asso.

LINDSLEY, CHARLES AUGUSTUS, New Haven, Conn., was born at Orange, N. J., August 19th, 1826. Graduated A. B. from Trinity coll., Hartford, Conn., 1849, and has received therefrom the degree of A. M.; studied medicine at the coll. of phys. and surg., New York, and received degree of M. D. from the med. inst. of Yale coll. in 1852, settling down thereafter to practise in New Haven. Is prof. of materia medica and therapeutics in the med. inst. of Yale coll., and is dean. He is also health officer of New Haven. Is a member of the Conn. med. soc.; honorary member of N. Y. med. soc.; member of New Haven med. asso.; of Conn. acad. of arts and sciences; of Am. public health asso.; was president of New Haven co. med. asso. in 1875,

and of New Haven city med. asso. in 1877. Since 1865 has been secretary of gen. hosp. soc. of Conn.

HARVEY, OLIN FRISBEE, Wilkesbarre, Pa., son of Col. E. B. Harvey, a descendant of one of the earliest settlers in the Wyoming valley, born in Kingston, Luzerne co., Pa., Sept. 28th, 1846. Graduated from the Wyoming seminary A. B. in July, 1871; from the Lafayette coll., Easton, Pa., and from the med. dep't of the univ. of Pa.; and settled in Wilkesbarre, where he has made a specialty of diseases of women. He is a member of the Luzerne co. med. soc.; was president of the board of control of the Wilkesbarre public schools; served in the 7th Pa. reserves; is phys. in charge of Luzerne co. prison, and attend. phys. of the Wilkesbarre city hosp. In May, 1873, he married S. J. Smith, of Pittston, Pa.

HALL, JOHN C., Philadelphia, Pa., son of Nathan Hall and Merah Hall, born in Mt. Pleasant, Jefferson co., O., March 12th, 1842, was educated at a Mt. Pleasant school and graduated from the med. dep't of the univ. of Pa. in the spring of 1868. For fifteen months he held the position of res. phys. to the Philadelphia hosp., after which he settled in Frankford, Philadelphia, where he practised medicine till 1876. In that year he was elected ass't phys. to the Friends' asylum, and in 1877 sup't of that institution. He has also been ass't surg. to the Episcopal hosp., visiting phys. to the Jewish hosp., and vaccine phys. in Frankford. He is a member of the Philadelphia co. med. soc. In Sept., 1870, he married Mary H. Dutton, of Frankford.

ROWLAND, LEVI LINDSAY, Salem, Oregon, was born in Huntingdon, Carroll co., Tenn., Sept. 17th, 1831, and moved with his father to Oregon in 1844. Is of English extraction. Was educated at Bethany coll., W. Va., graduating A. B. in 1856, and receiving subsequently in course the degree of A. M. His medical degree was conferred by the med. dep't of Willamette univ., Salem, Oregon, in 1870. For the most part his life has been passed in teaching. He has been principal of Bethel collegiate institute; president of Christian coll.; one year prof. of pathol. in the med. dep't of Willamette univ., and five years in the same institution as prof. of physiol. and microscopy; is now dean of the coll. Is a member of the Marion co., Oregon, med. soc., of the Third Judicial dis't med. soc., and of the Oregon State med. soc.; of the last named he was treasurer for three years, and was elected president in June, 1877. Is associate editor of the *Oregon Medical Journal.* Was elected sup't of public schools, June, 1860; appointed postmaster in Bethel in 1862; phys. and surg. in U. S. service at Malheur Indian agency in 1873; elected State sup't of public instruction in 1874 for four years, being the only person then elected on the Republican State ticket.

ANDERSON, BOZWELL P., Colorado Springs, Col., was born in Albemarle co., Va., Aug. 13th, 1847; was educated at the univ. of Va., and received his degree in medicine from that institution in 1868, and from Washington med. coll., Baltimore, in 1869. First settled in Howard co., Mo.; then at Marshall, Saline co., Mo.; removed to Colorado in 1872 on account of bronchial and throat affection. Is a member of the Col. State med. soc., and was elected ass't sec. in June, 1877.

BOWMAN, ORIN NELSON, Rome's Pump, S. C., was born in Orangeburg co., S. C., Feb. 22d, 1834, and is descended from Dutch and English stock. He was educated at Orangeburg high school, and received his degree of M. D. from the S. C. med. coll. in 1857. In his practice, which has always been pursued in his native county, he had a case of abscess of the womb, pointing and opening through the abdomen after four or five weeks duration; it came on just after labor; terminated favorably. He is a member of the Orangeburg co. med. soc.; of the S. C. med. asso. During the war served as ass't surg. in 14th reg. S. C. militia.

COMEGYS, CORNELIUS GEORGE, Cincinnati, O., was born at Cherburg, the family mansion, Kent co., Del., July 23d, 1816. His father was governor of Delaware, 1839–42, and was a descendant of a German-Holland family that settled in Kent co., Md., in 1660. Dr. Comegys was educated in the Dover acad., Del. It was his plan to have entered on the study of medicine at the usual time, but circumstances led him to Indiana, where he embarked in business, which ended unsuccessfully after several years of effort. He then went to Philadelphia, and entered upon the study of medicine as a student of Prof. W. E. Horner. He graduated in the class of 1848 of the univ. of Pa. He began work in Philadelphia, but removed to Cincinnati in 1849, where the advent of the Asiatic cholera that year gave him the opportunity of obtaining a large practice. In 1851 he went to London and Paris for clinical

study. In 1852 he was elected to the chair of anat. in the Cincinnati coll. of medicine and surgery, and gave a course; but resigned to accept the chair of the institutes in the new Miami med. coll. In this position he remained until the fusion of that school with the med. coll. of Ohio in 1857, where he occupied the same chair until 1860; then, with several of his colleagues, he resigned. In 1864 he was re-elected, and held also the additional title of prof. of clinical medicine. Ill health led him to resign again in 1868. The chief feature of his relationship to both of these schools was the leadership in the establishment of a college dispensary for the advantage of college clinics, after the manner of those in the Philadelphia schools. He became connected with the Cincinnati hosp. in 1857, and has been a lecturer on clinical medicine up to this time, 1878, and is now president of the staff. It was through his recommendation that the board of trustees established the department of pathology separate from the clinical service. His chief literary work is the translation from the French of the widely known "History of Medicine," by Renouard. He is the author of numerous papers in the medical press, two of which have attracted much attention: one "On the Pathology and Treatment of Phthisis," 1854, referred to in the Am. edition of "Watson's Practice," and in "Copeland's Dictionary," Am. edition; the other "On Cool Bathing in the Treatment of (Infantile) Entero-Colitis," *Philadelphia Medical Times*, July, 1875; of which Prof. H. C. Wood says, in 1877, after having practised it extensively during the hot term of 1876, "It must be granted to Dr. Comegys the credit of having introduced one of the most life-saving improvements in modern therapeutics." Dr. C. believes himself to have been the first to have announced the correct theory of counter-irritation in therapeutics. His views on this subject are to be found in the "Treatment of Asiatic Cholera," *American Journal of Medicine*, 1866; and "Reports of Cases of Brain Tumors," *Philadelphia Medical and Surgical Reporter*, 1870. His address before the alumni asso. of the univ. of Pa. in 1875 has attracted large attention outside the profession by reason of his discussion that "A Healthy Brain is Necessary to a Free Will." In the same lecture is found a glowing eulogy on the distinguished career of the venerable Prof. George B. Wood, and which drew from that eminent man a letter of acknowledgment. His earnest plea also for a "Reform in Medical Teaching" exerted much influence in effecting the change in the course now pursued in the university. Dr. C. also proposed a new specialty, the "Practice at the Bar" of legal medicine by physicians themselves; also a more comprehensive journalism as a present need of the average physician. As a member of the staff of the hospital he has been a steady advocate of the necessity of giving bed-side instruction to advanced students in the wards; and that students should be required to pass in clinical examination in order to graduate. He thinks that instruction offered to large classes in amphitheatres is wholly inadequate. He has been largely interested in public education, and has for twenty years past been a director in the board of education, or university board. As chairman of the library committee in the first in 1857, he developed what now constitutes the great public library of Cincinnati. He entered the municipal legislature in 1869, and secured the organization of the univ. of Cincinnati. He is one of the founders of the Cincinnati acad. of med., and has served as pres.; also of Cincinnati med. soc., of which he has been pres. He is an asso. member of the Philadelphia coll. of phys., and permanent member of the Am. med. asso. In 1839 he married a daughter of Gov. Tiffin, of Ohio.

HIRSCHFELDER, JOSEPH OAKLAND, San Francisco, Cal., of German parentage, was born in Oakland, Cal., Sept. 8th, 1854. He was educated at San Antonio, San Francisco, in private and public schools, and at the high school and in the univ. of Cal. At the last named he gave special attention to the natural sciences and to chemistry. He then entered the med. coll. of the Pacific, and after studying one year visited Germany, and continued his studies in Wuertzburg, Leipzig, and Berlin. In Leipzig he devoted himself to pathological and physical chemistry in the laboratory of Prof. Hoffman, and discovered a method of determining biliary acids and coloring matter, quantitatively through dilution. He passed the "Staats examen" (examination of state) at Leipzig in 1875. He was the first foreigner who had passed this examination, and thus obtained the right to practise medicine in Germany. Undergoing a second examination he received the degree of M. D. in 1876. He then passed a year in study at Vienna, where he was assistant of Prof. Schmitzler. He subsequently studied obstetrics in Prague, and after passing a short time in Paris and London, returned to San Francisco. He subsequently resided at San Antonio, but in 1877 again returned to San Francisco. He is a member of the San Francisco med. soc., and of the San Francisco Verein Deutcher Aertzle, and is secretary of

the latter. He is the author of articles on "Mycosis Cerebri," in *Wagner's Archives d. Heilkun*, and on "Carbolic Acid in Consumption," in *Wiener Presse*. In Nov., 1877, he was appointed prof. of materia medica and lecturer on pathology in the Pacific med. coll.

WILSON, ELLWOOD, Philadelphia, Pa., is a native of Pennsylvania, and graduated from the Jefferson med. coll. in 1845. He has always practised in Philadelphia, and for many years has been prominent as an obstetrician. Is one of the trustees of the Jefferson med. coll., and was formerly lecturer at the Nurses' home on obstetrics and diseases of women, being now one of the consulting physicians and managers of the institution. He is married. His son, Dr. James C. Wilson, is one of the physicians to the Jefferson coll. hosp.

PETERSON, FRANCIS M., Greensboro', Ala., graduated from the med. dep't of the univ. of N. Y. in 1869. Is a member of the med. soc. of Greensboro'; of the med. asso. of Ala., and councillor of the same. Has contributed papers to the Transactions of the med. asso. of Ala. Professor of materia medica and obstetrics in the Southern univ., Greensboro'.

ARNOLD, S. AUGUSTUS, Providence, R. I., became a member of the R. I. med. soc. in 1822, and served as its president in 1849–50. He is also a member of the Providence med. asso.; and secretary to the trustees of the Fiske fund, established by Dr. Caleb Fiske, formerly president of the R. I. med. soc. for the payment of premiums for prize dissertations. He is one of the consulting physicians and surgeons of Rhode Island hosp., at Providence.

MURRAY, ROBERT DRAY, Key West, Fla., son of Joseph A. Murray and Nancy (Drew) Murray, of Scotch, Dutch and Irish lineage, was born at Ohlton, Trumbull co., O., April 21st, 1845. He was educated at a common school in Bluffton, O., and pursued his medical studies at the Cleveland med. coll., O., the Jefferson med. coll., Philadelphia, and in the med. dep't of the univ. of Pa. He graduated from the Cleveland med. coll. in 1868 (and from the Jefferson in 1871), and settled in Cleveland in 1869, and in Key West as surgeon in the U. S. Marine hosp. service in April, 1872. He was elected a member of the acad. of med. of Cleveland in 1869; of the Am. med. asso. and of the Philadelphia hosp. med. soc. in 1870, of the latter he was secretary the same year, and president in 1871; of the Am. public health asso.; and of the Key West med. soc. in 1872, of the latter he was trustee in 1874, president in 1877, and is now president; and of the Florida med. asso. in 1875, of which he was vice-president in 1877. He was also a member of the State pharmaceutical convention in 1870, and of the International med. congress held in Philadelphia in 1876. His contributions to medical literature consist of "Observations on Electrolysis;" on "Yellow Fever at Key West in 1875;" on "Medical Topography of Key West;" on "Ships' Medicine Chests," etc., etc. He was demonstrator of anatomy at Cleveland med. coll. in 1868, 1869 and 1870; demonstrator at the Philadelphia school of anatomy in 1870 and 1871, and for a period of fifteen months during the latter years was resident physician at the Philadelphia hosp. In 1877 he served for five weeks as volunteer surgeon during the prevalence of yellow fever in Fernandina. He was a private in the 7th Ohio vol. infantry from April, 1861, to Nov., 1862; he then became a private in the 12th Ohio vol. cavalry from Sept., 1863, to July, 1865. While in the 7th Ohio his arm was broken at Cross Lane, Va., Aug., 1861, and he was wounded in the knee at Cedar Mountain in Aug., 1862; his arm was again broken at Mt. Sterling, Ky., in June, 1864; he was severely wounded in the head at Saltville, Va., in Oct., 1864. He also passed four and a half months in Southern prison hospitals. In 1865 and 1866 he was postmaster of Bluffton, O., and during 1871 and 1872 was surgeon on board the U. S. coast steamer "Bache." Since 1873 he has continually urged the establishment of a board of health in Florida. In April, 1875, he married Lillie Belle, daughter of Rev. Charles A. Fulwood, of Florida.

MUSSEY, WILLIAM HEBERDEN, Cincinnati, O., son of Reuben D. Mussey, of French extraction, and Hitty (Osgood) Mussey, of English descent, whose ancestry settled in Chebago, now Ipswich, Mass., in 1632, born in Hanover, N. H., Sept. 30th, 1818, was educated at Moore's Indian charity acad., Hanover, at the Meriden, N. H., acad., and at Phillips' acad., Andover, Mass., and after studying medicine in the Ohio med. coll., graduated doctor of medicine in the spring of 1848. The honorary degree of A. M. has also been conferred on him by Dartmouth coll. He also passed eighteen months in study in Paris. He settled in Cincinnati, where he made a specialty of general surgery. He is a member of the Am.

med. soc. of Paris; of the Am. med. asso., was its vice-president in 1864; of the Ohio State med. soc., is now its vice-president; of the Cincinnati acad. of med.; and of his county med. soc. In 1855 he held the position of surg. of St. John's hotel for invalids; in 1863 he was appointed surg. of the Cincinnati hosp.; and in 1865 prof. of surgery in the Miami med. coll.—the last-named two positions he still holds. He was commissioned brigade surg. in Oct., 1861, and lieutenant-colonel and med. inspector U. S. army in June, 1862; has been surgeon-general of the State of Ohio since 1866. He is president of the natural history soc. of Cincinnati, and member of the board of education of that city. He has donated to the public library, Cincinnati, five thousand volumes and twenty-five hundred pamphlets as a nucleus of the "Mussey Medical and Scientific Library," designed as a memorial of his celebrated father, and is devoting his energies towards making the collection one of the most complete in the country. In May, 1857, he married Caroline W. Lindsly, of Washington, D. C.

MASON, THEODORE LEWIS, Brooklyn, N. Y., was born at Cooperstown, Otsego co., N. Y., Sept. 30th, 1803. His father, David Mason, a lawyer, was a lineal descendant of the famous John Mason, one of the founders of Norwich, Conn., and for years a member of the council, the lieutenant-governor, and commander-in-chief of the military of the State. His mother was a daughter of Rev. Dr. Lewis, of Greenwich, Conn. He graduated from the coll. of phys. and surg. of New York in 1825. After practising a while in Wilson, Conn., he moved to New York, and settled in Brooklyn in 1834. Brooklyn had then no public provision for the medical relief of the poor, and he at once set about supplying the want. A memorial from the med. soc. of Kings co., prepared by him, was presented to the common council of the city, urging them to take action in conformity with a provision of the city charter, but without any immediate results. But on the accession to the mayoralty of Hon. C. P. Smith, in 1839, the subject was again agitated, and the council appropriated a small annual sum to the support of a city hospital, called from its location the Adams street hosp. Dr. Mason became the senior surg., and president of the board; and, in conjunction with its other members, demonstrated by its successful management the great necessity of such an institution. On a change in the municipal legislation, however, the fund was withdrawn, and the hospital closed. But the public appreciated the necessity; a public meeting was called, and a committee appointed to take measures for the permanent establishment of a Brooklyn city hosp. Of this committee Dr. Mason was a member, and influential in giving shape to the charter of the hospital, and in the selection of its directors, and of its medical staff. As senior surg. he labored until his private professional engagements and feeble health compelled his resignation. But in 1858 several of the medical residents in the western district of the city, recognizing the need of a hospital in that section, proposed to establish one, having in connection with it a teaching department. Dr. Mason was called upon to aid, and became councillor of the institution, and president of the collegiate dep't of the Long Island coll. hosp. A most important object which its founders proposed to attain, by the connection of the college with the hospital, was to make clinical teaching a reality. By bringing the college and the hospital into the same edifices, and under the same authoritative control, great advantages were gained, and a new feature was introduced into the methods of instruction in the medical colleges of this country. Dr. Mason has also manifested great interest in the treatment of inebriety as a disease; is president of the inebriate home of Kings co.; and since 1875 has each year been elected president of the Am. asso. for the cure of inebriates. He is a resident fellow of the New York acad. of med.; a member of the med. soc. of the county of Kings, and was president in 1842 and 1843; permanent member of the Am. med. asso.; and of the med. soc. of the State of New York; one of the founders, life-member, and director of the Long Island historical soc.; member of the Am. colonization soc., and its vice-president in 1874.

DUDLEY, WILLIAM HENRY, Brooklyn, N. Y., was born in Ireland in Oct., 1811. His education was obtained in that country, and in due course he matriculated at the Royal coll. of surg., Dublin, in 1832. In 1834 he went to Jamaica, West Indies, where he was elected a fellow of the King's coll. of phys. and surg. of Jamaica; began and continued practice until 1841, when he came to the United States. During his residence in the island he held the position of health officer and surg. to the marine hosp. at Port Maria. In 1845 he settled in Brooklyn, having received, in 1842, a diploma from the coll. of phys. and surg. of New York. Elected curator of the New York med. coll. in 1851, he served in that capacity for several years. He was one of

the original founders of the Long Island coll. hosp., and has been officially connected with it since its incorporation as a member of the council. He is at present (1878) the treasurer of the hosp., and a member of the board of regents. It is due to him to say that but for his steady courage in the face of difficulties, his untiring labors, his counsel, and the generous pecuniary support which he brought to the aid of his colleagues, the establishment of the coll. hosp. (the first of its character in America) could not have been effected, nor its permanence secured. In 1848 he was elected a member of the New York acad. of med.; he is also a member of the med. soc. of the county of Kings. He was married, in 1861, to Charlotte G. Duckwitz, of New York.

HAYDEN, DAVID H., Boston, Mass., was educated at Harvard univ., where he graduated A. B. in 1858, and M. D. in 1863. He is a member of the Boston soc. of med. observation; of the Boston soc. for med. improvement; of the Boston soc. of med. science; of the Mass. med. soc., to which he was admitted in 1869; and of the Suffolk district med. soc., of which he is a councillor. He is phys. to out-patients of the Mass. general hosp.; phys. to the Carney hosp.; and to the home for aged colored women.

REAGAN, GEORGE LONG, Shenandoah, Pa., of mixed Scotch, Irish, and German ancestry, was born in Union Furnace, Berks co., Pa., Feb. 9th, 1835, and graduated from Wyoming seminary, Kingston, Luzerne co., Pa. He studied medicine in the med. dep't of the univ. of Vt.; received his degree of M. D. from that institution in June, 1865, and settled in Shenandoah, Schuylkill co. He is a member of the Schuylkill co. med. soc.; of the Pa. State med. soc.; and of the Am. med. asso. He was vice-president of the county med. soc. in 1876, and its president in 1877. He has been councilman of the borough of Shenandoah for six years, and deputy coroner for three years. He is also secretary of the Shenandoah water company, and president of the Shenandoah gaslight company. He is married.

DAYTON, GEORGE HENRY, Lima, Lagrange co., Ind.; a direct representative of the oldest branch of the Dayton family of New Jersey; born in Newark, N. J., Jan. 15th, 1824; received his medical education at the med. dep't of the univ. of the city of New York; graduated in 1845, and settled first in Ontario, Lima township, in the same county in which he at present resides, in the general practice of medicine and surgery. He is member and president of the Lagrange co. med. soc., and of the St. Joseph, Mich., and northeastern Ind. med. socs. In Sept., 1864, he married Louisa P. Thompson, of New Jersey.

PALMER, EDWARD RUSH, Louisville, Ky., of English ancestry, resident in Woodstock, Vt.; grandson of Dr. David Palmer, and son of Dr. Benjamin Rush Palmer, was born in Woodstock, Windsor co., Vt., Nov. 8th, 1842. His education was received at the public schools of Woodstock and Louisville, Ky., and his medical education at the univ. of Louisville. He graduated from the latter in March, 1864, and settled in Louisville. He is a member of the Am. med. asso.; of the Ky. State med. asso.; and of the medico-chirurg. asso. of Louisville, and was vice-president of the latter in 1876. He has contributed various articles and reports of clinical lectures to the medical journals of Louisville. Since 1868 he has been prof. of physiology and physical diagnosis in the univ. of Louisville, and is also physician for chest diseases to the univ. dispensary. He has been trustee of the public schools of the city of Louisville, and was vice-president of the board of public schools in 1876. For the first three years of the war he was in the U. S. hospital service; the last year he was commissioned and served as ass't surg. of the 55th Ky. mounted cavalry. In Dec., 1868, he married Lucy Jane, daughter of Thomas Y. Brent, Esq., of Louisville, Ky.

WYTHE, JOSEPH H., San Francisco, Cal.; born in Manchester, England, March 22d, 1822: became a resident of Philadelphia, Pa., in 1835, where his education was received at private schools. He graduated in medicine from the Philadelphia coll. of med. in 1850, and commenced practice at Port Carbon. Here he remained five years, during three of which he was surgeon to the Beaver Meadow collieries. He then removed to Mauch Chunk. After the war he settled in practice in San Francisco. His contributions to the literature of his profession are: "Pocket Dose and Symptom Book," which has gone through eleven editions, and "The Microscopist"—three editions—published by Lindsay & Blakiston, Philadelphia; besides articles and papers to the *Examiner*, the *Medico-Chirurgical Review*, and the *Pacific Medical and Surgical Journal*. He was for three years president of the Willamette univ., Oregon, and organized the med. dep't in that institution, and is now prof. of micro-

scopy and histology in the med. coll. of the Pacific, San Francisco. In 1862 and 1863 he served as surgeon U. S. vols. at Washington, D. C.; organized Camp Parole hosp., Alexandria; and was subsequently ordered to duty in California.

ELY, JAMES W. C., Providence, R. I., was admitted a member of the R. I. med. soc. in 1847; is one of its censors, and was president in 1868–70. He is also a member of the Providence med. asso., and on its standing committee. Is one of the consult. phys. and surg. of the R. I. hosp., Providence, and a member of the board of consultation of the Butler hosp. for the insane, in the same city.

BALLOU, ARIEL, Woonsocket, R. I., was admitted a member of the R. I. med. soc. in 1832, and is one of its censors, and was president in 1855–56. He is one of the consult. phys. and surg. of the R. I. hosp., Providence.

BRANDEIS, RICHARD C., Louisville, Ky., is a member of the med. soc. of Ky., and was a delegate from it to the International med. congress, Philadelphia, 1876.

BROCK, HUGH W., Morgantown, W. Va., is a member of the med. soc. of the State of W. Va., having been admitted in 1867; has several times represented it as a delegate in the Am. med. asso.; is one of its board of censors, and in 1868 served as president.

PARDEE, MOSES B., South Norwalk, Conn., graduated from the Albany med. coll., N. Y., in 1855. Is a member of the Conn. State med. soc.; and of the Norwalk med. soc., and was vice-president in 1877.

TROTH, SAMUEL N., Philadelphia, son of Jacob Troth and Rebecca Troth, was born near Haddonfield, N. J., March 4th, 1825. He received his literary education at Westtown boarding school, and his medical education at the Jefferson med. coll., whence he graduated in the spring of 1849. He first established himself in Philadelphia; then, in 1855, he removed to Leed's Point, N. J., and since 1857 has been settled in Philadelphia. He is a member of the Philadelphia co. med. soc., of the Northern med. asso., of the med. board of the northern dispens., and has been rec. sec. of the last two. He holds the position of vaccine phys. for the 10th dist., comprising the 16th, 17th, and 20th wards of Philadelphia, and is a member of the Franklin institute. In May, 1858, he married Ann M. Leed.

GIDNEY, JONATHAN CHAUNCEY, Shelby, N. C., was born, Oct. 19th, 1835, in Cleveland co., N. C. On his father's side he is of German and French descent, and on his mother's of Irish and Welsh. He pursued his professional studies at the Jefferson med. coll., Philadelphia, from which he graduated in March, 1861, settling at first in Shelby in his native county. He is a member of the med. soc. of N. C.

BARKAN, ADOLPH, San Francisco, Cal., was born at Eperies, Austria, in the year 1845, and graduated from the med. dep't of the univ. of Vienna in 1866. He came to this country and settled in San Francisco in 1869, making a specialty of diseases of the eye and ear. He is a member of the San Francisco med. soc.; of the Cal. State med. soc.; of the soc. of German phys., and of the ophthalmolog. soc., Heidelberg, Germany. His contributions to medical literature are comprised in papers published in the *Archives of Ophthalmology and Otology*, and the *Pacific Medical Journal*. He is prof. of ophthalmology and otology in the med. coll. of the Pacific; also surg. to the city and county hosp., and St. Mary's hosp., San Francisco.

NICHOLS, CHARLES HENRY, Bloomingdale asylum for the insane, New York city, was born in Vassalboro', Kennebec co., Me., on the 19th day of Oct., 1820. His parents, Caleb and Eunice (*née* Kelly) Nichols, both belonged to large families of the old New England stock, and were prominent Friends. He was educated at the public schools and academy of his native town, and at the Friends' school in Providence, R. I. He taught a public school at the age of seventeen, and continued to teach during parts of four years. He studied medicine in the med. dep'ts of the univ. of the city of New York and of the univ. of Pa., and received the degree of doctor of medicine from the latter institution in March, 1843. In 1851 he received the honorary degree of master of arts from Union coll., Schenectady, N. Y. He began the practice of his profession in Lynn, Mass., where he remained till the spring of 1847, when he became connected with the N. Y. State lunatic asylum, at Utica, under the distinguished author and superintendent, the late Dr. Amariah Brigham, and has since made a specialty of the treatment of mental diseases and the architecture and hygiene of institu-

tions for the insane. Early in 1849 he received the appointment of phys. and superior officer of the Bloomingdale asylum for the insane in the city of New York, and held that position till June, 1852, when he resigned, with the view, after attending to some business engagements, of spending some time in study and travel both in this country and Europe. In October of the same year his purpose was changed by undertaking, at the invitation of President Fillmore, the work of establishing a hospital for the insane of the army and navy, and of the District of Columbia. Having built up and thoroughly equipped and organized the government hosp. for the insane, and treated upwards of 4,000 patients in it, and thrice enlarged the buildings, and procured the extension of the grounds from 195 to 420 acres, he, in July, 1877, accepted the invitation of the governors of the New York hosp. to return to the charge of the Bloomingdale asylum for the insane, with the title of med. sup't. He was act. ass't surg. in the army in the civil war, and, in connection with the government hosp. for the insane, conducted a gen. hosp. for U. S. vols. While in Washington he was a member of the med. asso. of the District of Columbia; a member and the presiding officer of the first board of school commissioners in the county of Washington, D. C.; a member, by appointment of the President, and for some time the presiding officer, both of the levy court and of the board of metropolitan police commissioners of the District of Columbia; a member of the board of trustees and of the executive committee of Columbian univ.; a member and one of the vice-presidents of the board of directors of the Columbia hosp. for women and lying-in asylum; a member of the Washington national monument soc., and a member of the executive committee of the Am. colonization soc., of which he is a life-director. He is a member of the Am. med. asso., and of the asso. of med. sup'ts of Am. institutions for the insane, and is now and has been for several years the president of the latter asso. Dr. Nichols attended the International med. congress, which assembled in Philadelphia in Sept., 1876, and read a paper before the section on mental diseases "On the Best Mode of Providing for the Subjects of Chronic Insanity," which was published in the Transactions of the congress. He is the author of the reports of the Bloomingdale asylum for the years 1849–51, and of the government hosp. for the insane from 1852 down to his withdrawal from the charge of that institution, and of a series of propositions relating to the care in public asylums of all classes of the insane, adopted by the asso. of sup'ts in 1866; and of a series adopted by the association in 1875, relating to the care of inebriates. His views upon most practical questions respecting the legal relations of the insane, the hospital or asylum provision that should be made for them, and their personal treatment, may be found in the proceedings of the annual meetings of the asso. of sup'ts from 1849 to 1877 inclusive, published in the *American Journal of Insanity*. Dr. Nichols was first married in Nov., 1857, to Ellen G., daughter of the late John W. Maury, of Washington, D. C., who died in June, 1865. His second and present wife, to whom he was married in May, 1872, is Sarah L., daughter of the late Prof. Alvan Lathrop, of Rochester, N. Y.

GEDDINGS, ELI, Charleston, S. C., was born in Newberry dist., S. C., in 1799. Having received an ordinary education and studied medicine, he was licensed in 1820 by an examining board to practise medicine. In the winter of 1821–22 he attended lectures in the med. dep't of the univ. of Pa., and during 1824 removed to Charleston, where, in 1825, he received the first degree conferred by the med. coll. of S. C. Subsequently he spent a year in medical study abroad, and on his return to Charleston was appointed demons. of anat. in the med. coll. of S. C. Afterwards he was called successively to the chairs of anatomy and physiology, of surgery, and of the theory and practice of medicine. Subsequently he served as prof. in the univs. of Md. and New York city for a short time and resigned. Other professorial positions were tendered him, but he preferred returning to the univ. of S. C., where he resumed the duties of prof. of surgery, which he still continues to discharge.

MEIGS, JOHN FORSYTH, Philadelphia, Pa., son of Prof. C. D. Meigs, was born in Philadelphia in Oct., 1818, and graduated from the med. dep't of the univ. of Pa. in 1838. He has always practised in Philadelphia, and is the author of a "Treatise on the Diseases of Children," which, originally published in 1857, has gone through many editions.

REYNOLDS, JOHN P., Boston, Mass., graduated from Harvard univ. A. B. in 1845, and M. D. from its med. dep't in 1852. He is a member of the Mass. med. soc., having been admitted in 1853; of the Boston soc. for med. improvement; of the obstetrical soc. of Boston; of the Suffolk dist. med. soc., of which he is a councillor; of the Mass. med. benevolent soc.; of the

Boston med. asso. In the med. dep't of Harvard univ. he holds the position of instructor in obstetrics. Is consult. phys. to the Boston lying-in hosp. During June, July, August, and September he practises at Nahant.

PANCOAST, WILLIAM H., Philadelphia, Pa., son of Dr. Joseph Pancoast, emeritus prof. of anatomy in the Jefferson med. coll., Philadelphia, was born in Philadelphia, October, 1835. He completed his collegiate education at Haverford coll., Pa., graduating B. A. at the age of eighteen, in the spring of 1853. He subsequently, upon furnishing original papers, received the degree of M. A. from the same institution. He pursued his medical studies at the Jefferson med. coll., and graduated M. D. in 1856. The two and a half years following were spent in Europe, visiting the great hospitals of London, Edinburgh, Paris, Vienna, Berlin, etc., and in the continued pursuit of his profession, as well as in the study of such special courses as were afforded in those centres of medicine. While in Paris he was a special student with, and often an assistant of, the distinguished French surgeon Civiale (who founded a surgical service in the hospital of Necker; was surgeon to the Emperor Louis Napoleon; to Leopold, King of the Belgians; officer of the legion of honor, etc., etc.), who wished him to settle in Paris as his assistant, and offered to take charge of his future—an offer respectfully declined. He returned to this country and settled in his native city, where he commenced a general practice, but devoting himself chiefly to the surgical branch of his profession, also to private teaching, and especially anatomy. Among the incidents of his career was his conception to obtain the bodies of the Siamese twins for the purpose of the scientific examination of the band uniting them—a conception subsequently put in execution. For this purpose, after their death, in the spring of 1874, he visited North Carolina with his colleagues, and procured the bodies, upon which he subsequently made a post-mortem examination, under the auspices of the coll. of phys. of Philadelphia. He is a member of the academy of natural sciences of Philadelphia; fellow of the coll. of phys. of Philadelphia; member of the Philadelphia co. med. soc., of which he was elected President in 1869; permanent member of Pa. State med. soc., of which he was elected vice-president in 1870; permanent member of the Am. med. asso.; member of all the various Philadelphia med. socs., and was a member of the International med. congress held in Philadelphia in 1876. His contributions to medical literature consist of papers to the different medical journals; clinical lectures on surgery, published in the *Medical and Surgical Reporter* and *Philadelphia Medical Times*. He also published a report on the surgical anatomy of the band which united the Siamese twins, and which settled the question that had previously interested scientific surgeons all over the world, in the Transactions of the coll. of phys. and surg. He was elected visiting surg. to the Charity hosp., Philadelphia, in 1859—a position he held for ten years, and during which he established a large surgical clinic. On resigning that position he was elected consult. surg. and placed on the board of trustees. In 1862 he was appointed demonstrator of anat. of the Jefferson med. coll., and held that position for twelve years; was also appointed by the faculty of the college, lecturer on surg. anatomy in the summer school. In 1866 he was elected one of the visiting surgeons of the Philadelphia hosp. During the absence of Prof. Joseph Pancoast in Europe, in 1867 and 1868, he was appointed adjunct prof. of anatomy in Jefferson coll., and in that season lecturing as prof. of anatomy and as demonstrator of anatomy, teaching operative surgery, holding surgical clinics at the Philadelphia hosp. twice a week for the first half of the session, and at the Jefferson coll. twice a week for the last half. In 1873 and 1874 he served a second time as adjunct professor of anatomy in the Jefferson med. coll., aiding his father; and in the spring of the last-named year, on the resignation of his father, was elected by the trustees of the college, prof. of general descriptive and surgical anatomy of that institution. During the war of the rebellion he was appointed surgeon-in-chief and second officer in charge of the Sixth and Master streets military hosp., Philadelphia; and for volunteering surgical services in the field upon three occasions during the war, was elected a member of the Loyal Legion.

WOOD, JAMES RUSHMORE, New York, son of a merchant of that city, was born there Sept. 14th, 1816. He studied medicine under Dr. Tulley, of New Haven, and Dr. David L. Rogers, of New York, and also at the Castleton, Vt., med. coll., graduating in 1846. In 1847 he became associated with Dr. Wilson, resident phys. of Bellevue hosp., in connection with that institution, which at that time was a receptacle for lunatics, paupers, criminals, and all the diseased of a depraved and vitiated life; where the hygienic laws and ventilation were almost entirely neglected, and the attendance and

nursing inefficient and untrustworthy, and with the assistance of Dr. Drake, and Moses Franklin, president of the then board of aldermen, so successfully endeavored to modify the existing evils that an effective change came over the hospital, as proved by the saving annually of six hundred lives. During the era of Dr. Wilson he made all the post-mortem examinations in the establishment, which numbered many hundreds. He also established Saturday surgical clinics, and founded the Wood prize for the best anatomical dissection. He has successfully established beyond dispute the fact of the second growth of bone by the separation of the periosteum from necrosed bone, and carefully enucleating it, specimens in the anatomical and pathological museum which he founded showing the reproduction of almost every bone in the human body. He was chiefly instrumental in procuring the passage of the "Dissecting Bill," by which the bodies of all unclaimed vagrants are given to the institutions of med. and surg. for dissection. In 1861, together with many of the leading physicians, and under the auspices of the almshouse commissioners, he founded Bellevue hosp. med. coll. Among the operations performed by him was the removal of the whole lower jaw for phosphor-necrosis (in a patient who died subsequently, and to whose skull a second jaw had attached itself). He has tied both carotids in the same patient for malignant disease of the antrum, placed the ligature on the subclavian on several occasions, tied the external iliac several times, etc. He is a member of the New York acad. of med.; of the Am. med. asso.; of the New York pathol. soc., of which he has been twice president; of the New York med. and surg. soc.; of the New York soc. for the relief of widows and orphans of med. men; the Medical Journal asso. of the city of New York; of the New York phys. mutual aid asso.; hon. mem. of the N. Y. and Mass. State med. socs.; corres. mem. of the historical soc. of Yale coll., etc. He is the author of "The Growth of Bone," an address delivered before the New York acad. of med.; of pamphlets on "Removal of the Entire Lower Jaw," "Ligature of External Iliac Artery," "Spontaneous Dislocation of the Head of the Femur into the Ischiatic Notch, occurring in Morbus Coxarius," also "Early History of the Operation of Ligature of the Primitive Carotid Artery," etc. In 1846 he was appointed demons. of anat. at Castleton med. coll.; was surg. to St. Vincent's hosp. and New York ophthal. disp.; consult. surg. of the New York acad. of med. In 1861 he was called to the chair of operative surgery and surgical pathology in Bellevue hosp. coll., and is now emeritus prof. of surg. therein. In 1853 he married the daughter of James Rowe, Esq., of New York.

CHESTON, D. MURRAY, Philadelphia, Pa., graduated from the med. dep't of the univ. of Pa. in 1864. He is a member of the coll. of phys. of Philadelphia; of the patholog. soc. of Philadelphia; of the obstet. soc. of Philadelphia, and its treasurer; of the Am. med. asso.; and of the acad. of nat. sciences. He is one of the attending physicians to the children's hosp. of Philadelphia.

GIBBONS, WILLIAM PETERS, Alameda, Cal., son of Dr. William Gibbons, of Wilmington, Del., was born in that city, April 19th, 1812. On reaching manhood he removed to Philadelphia, where he engaged in the printing business; subsequently established a scientific journal, of which he assumed the editorship. He after a while removed to Poughkeepsie, N. Y., and took charge of a boarding-school for young ladies. During the greater part of this time he had been studying medicine, and, after the usual course, he graduated in the univ. of the city of New York. Later he removed to San Francisco. He has published some writings on scientific subjects.

MEANS, ALEXANDER, Savannah, Ga., was born in Statesville, Iredell co., N. C., Feb. 6th, 1801. A. H. Stephens contributes to "Johnson's New Universal Encyclopædia" the following sketch of his life: "He received a classical education at the acad. at Statesville; removed to Georgia about 1822, taught school for four years, then attended medical lectures at Transylvania univ., Ky., and commenced the practice of medicine in Covington, Ga., 1826. In the same year he was licensed to preach by the M. E. Church. In 1834 he was called to the superintendency of the manual labor school near Covington. On the organization of Emory coll., at the same place (now known as Oxford), in 1838, he was chosen prof. of the physical sciences, which position he held for eighteen years; in 1840 was appointed prof. of chemistry and pharmacy in the med. coll. of Ga., located at Augusta; delivered regular courses of lectures there during the winter season, continuing at the same time for eight months in each year to fill his chair in Emory coll.; in 1853 presided over the Masonic female coll. in Covington, a few miles from Oxford. In 1854 Dr. Means was called to the presidency of Emory coll., but shortly after accepted the chair of chemistry in the Atlanta med. coll., which position he held for

twelve years, including the period of the war, lecturing during the summer season. In 1851 he travelled extensively through Europe. As a member of the State convention of 1861 he spoke eloquently and effectively against the ordinance of secession, but when it was carried he thoroughly and promptly identified himself, his family, and his fortunes with his native South. Since the war he has held the position of agricultural chemist for the State, at the port of Savannah, which he still (1875) holds, retaining also his time-honored connection with Emory coll. His latest work is entitled the 'Centennial of Chemistry.'"

MENEES, THOMAS, Nashville, Tenn., son of B. W. and Elizabeth Menees, was born in Davidson co., Tenn., near Nashville, June 26th, 1823. His parents removed when he was a child to Robertson co., Tenn. He graduated in the med. dep't of Transylvania univ. in 1846, and located in Springfield, Robertson co., where he practised for ten years in association with Dr. R. K. Hicks, and afterwards for seven years with his brother, Dr. G. W. Menees. He is a member of the Tenn. State med. soc., of which he has been vice-president. In 1857 he was elected a member of the Tenn. State senate, and in 1861 to the Confederate congress, being re-elected in 1863. After the war he settled in Nashville. In 1874 he was elected to the chair of materia medica and therapeutics in the med. dep't of the univ. of Nashville, and in the following year was transferred to that of obstetrics in the same institution. During the same year he was also elected to the same chair in the med. dep't of Vanderbilt univ., of which he is dean. These two positions he still holds. He has made various contributions to medical literature, chiefly published in the medical journals. In 1853 he was married to Elizabeth Hooper, of Davidson co.; she died in 1861, and in 1868 he was married to Mrs. Mary J. Walker, of Nashville.

GIHON, ALBERT LEARY, Washington, D. C., was born in Philadelphia, Pa., in 1833, and graduated first in his class at the Philadelphia high school in 1850; studied medicine and graduated from the Philadelphia med. coll. in 1853. In the same year he became prof. of chemistry in the Philadelphia med. coll., holding the chair until the following year, when he resigned to enter the med. dep't of the navy. He was appointed ass't surg. on May 1st, 1855, and attached to the sloop "Levant" of the East India squadron, and served in that vessel until 1858. During that year he was attached to the brig "Dolphin," forming part of the Brazil squadron and the Paraguay expedition. In 1859 he was promoted to passed ass't surg. Aug. 1st, 1861, he was commissioned as surg. From 1862 to 1865 he served on board the sloop "St. Louis," engaged on special service. During 1866–67 was on duty at the navy yard, Portsmouth, N. H., and from 1868 to 1870 on board the storeship "Idaho," attached to the Asiatic squadron. Nov. 7th, 1872, he was promoted to be med. inspector, with the relative rank of commander. He is the author of "Practical Suggestions in Naval Hygiene," and numerous professional papers published in the reports of his department and in the medical journals. He is a member of the Am. med. asso., having been a delegate from the med. dep't of the U. S. navy.

MOTT, ALEXANDER BROWN, New York, fourth son of Dr. Valentine Mott and Louisa (Dunmore) Mott, was born in New York, March 31st, 1826. His preliminary education was received from a private tutor, Wm. Darling (now Prof. W. Darling, M. D., of the univ. med. coll. of New York), and he subsequently entered Columbia coll. grammar school. In 1836 he accompanied his family to Europe, where he received a thorough classical education, returning to his native city after an absence of five years. A love for a military life about this time led him to place himself under military instruction at West Point, but in deference to the religious peace principles of his father he abandoned the idea. In 1842 he again visited Europe, and after passing a year in Germany and France, he accepted a position of trust in the naval agency, Marseilles. In 1844 he became private sec. of Commodore Morris, U. S. navy, commanding the Mediterranean squadron. Subsequently visited Spain, took part in the revolution there in command of a battery, and was present at the siege and surrender of Barcelona. He afterwards worked his way to Marseilles, and became connected with a commercial firm in that city, visiting Italy, Austria, Piedmont, Greece and Turkey, etc., in their interest, during 1845. He passed most of the years 1846 and 1847 at Havre, where his first studies in medicine were prosecuted, under the direction of a practising friend. Returning to New York he entered his father's office as a student, and attended lectures at the univ. med. coll. He is also a graduate of the univ. of Pa., New York med. coll., and Castleton med. coll. He commenced practice in 1850. He has tied the common carotid fifteen times, internal carotid twice, subclavian four times, innominata once, com-

mon iliac twice, internal iliac twice, and external iliac five times; femoral eighteen times; performed the operation of resection of the femur three times; also two amputations at hip-joint; exsection of ulna twice; removal of entire lower jaw for phosphor-necrosis twice; lithotomy twenty-one times, etc., etc., etc. He acted for many years as prosector to his father, Prof. Valentine Mott, at the univ. med. clinic (and performed many of the operations in the surgical clinics). In 1850 he was appointed surg. to the New York dispens.; in 1853 visiting surg. of St. Vincent's hosp., which he had assisted in founding in 1849; also attend. surg. to the Jewish hosp. in 1855, a position he held till 1863; also surg. to the charity hosp., which he held for fourteen years. In 1859 he was appointed attend. surg. at Bellevue hosp., and later, consult. surg. to the bureau of medical and surgical relief to the outdoor poor, positions he still holds, and was at one time prof. of surg. anat. in the Bellevue hosp. med. coll., of which he was one of the founders; he now and for years has filled the chair of clinical and operative surgery in that institution. At the outbreak of the war of the rebellion, April 18th, 1861, he was requested to accompany the first regiments of militia ordered to proceed to Washington, on two hours' notice. He organized the med. corps of the regiments under his charge, was subsequently appointed med. director pro tem. in New York, and inspected all the recruits for thirty-eight regiments of New York vols., over 70,000 men passing under his supervision. He subsequently, under orders, visited and inspected all the N. Y. regiments around Washington, Fortress Monroe, etc., and continued this arduous work till he was relieved on account of sickness contracted in the performance of his duty; when, on returning to New York, he resumed the office of inspector, besides being associated with the U. S. mustering and disbursing office of that city. He caused a post hospital to be prepared for the sick troops passing through the city, but this proving inadequate, in 1862 he founded, in connection with several patriotic ladies of Now York, the U. S. army gen. hosp., corner 51st street and Lexington ave., which he was placed in charge of by the surg.-general. In Nov., 1862, he was made surg. U. S. vols., and thenceforth gave much of his time to the hospital above mentioned. He was appointed as one of the med. examining board for admission to the med. corps of the army for surgeons of vols., and served for one year in that capacity; from time to time during the war he was ordered on special duty with the army, and in the winter of 1864–65 was placed on duty as inspector of the dep't of Virginia, with head-quarters with the army of the James, then under command of Maj.-Gen. Ord. He served with him until the close of the war, and after the memorable campaign of April, 1865, was present at the conference between Gens. Ord and Longstreet, on the morning of the 9th of that month, and in the room, by special request, at the interview between Gens. Grant and Lee, in the afternoon of that day, when the articles of agreement of surrender were signed at Appomattox C. H., Va. After this he was ordered on duty in Richmond, Va., and shortly after, upon hearing of his father's severe illness, obtained a short leave of absence, and reached New York three days before his death, which took place on the 26th of April, 1865. His father had been taken ill on the Saturday previous, complaining of a chill and intense pain in his left leg, which was much swollen and very sensitive to the touch. His son, immediately on his arrival, Sunday night, examined the limb and found that the circulation was more feeble than in the other, and suspected a beginning of gangrene from obstruction in the iliac artery. He called a consultation of several of the most eminent physicians and surgeons of the city for the next day, and expressed his opinion to them, which was fully verified on the following day by the appearance of vesication on the foot. He was mustered out of the U. S. service on Aug. 1st, 1865, with the rank of brevet-col. U. S. vols. Several reports of interesting cases treated by him have been published. He is a permanent member of the Am. med. asso.; honorary member of the Hudson co. patholog. soc.; fellow of the Am. geograph. soc.; member of the N. Y. acad. of sciences; of the N. Y. soc. for the relief of widows and orphans of med. men; of the N. Y. medico-legal soc., and of the N. Y. phys. mutual aid asso. In April, 1851, he married the youngest daughter of Thaddeus Phelps, and has one son in the profession, Valentine Mott, who graduated from Bellevue hosp. med. coll., session 1877–78.

GRIER, WILLIAM, Washington, D. C., was born in Ireland, and entered the med. dep't of the U. S. navy, being appointed from Maryland, March 7th, 1838, and beginning service as ass't surg. His first attachment was to the sloop "Cyane," of the Mediterranean squadron, on which he did duty from 1838 to 1841. From 1842 to 1844 he was attached to the store-ship "Erie," of the Pacific squadron, and for the two succeeding years to the schooner "Shark," of the same

squadron. In 1848 he was detailed to the hospital, New York, but in 1849 was again afloat in the "Independence," of the Mediterranean squadron, serving thereon until 1852. On April 14th, 1852, he was commissioned as surg. From 1853 to 1856 he served as fleet surg. on the North Pacific surveying expedition; in 1859 was detached and ordered to duty at the naval acad. In 1861 he joined the sloop "Macedonian," and in 1862 was ordered to the receiving ship "Baltimore." From 1863 to 1865 he did duty at the naval hosp., Memphis, Tenn., and in 1867 was detailed for special duty at Hartford, Conn. In 1868 he was appointed a member of the board of examiners, and served almost continuously in that capacity until the close of 1877, acting for several years as the president of the examining board. March 3d, 1871, he was commissioned as med. director, with the relative rank of captain.

WADSWORTH, OLIVER F., Boston, Mass., graduated A. B. from Harvard univ. in 1860, and M. D. from the med. dep't of the same institution in 1865. He is a member of the Am. ophthalmolog. soc.; of the Boston soc. for med. observation; of the Boston soc. for med. improvement; of the Boston soc. of med. sciences; of the Boston soc. of nat. hist.; of the Heidelberg Ophthalmological Gesell. Is ophthalmolog. surg. to the Boston city hosp., and to the out-patients of the Mass. gen. hosp. His contributions to medical literature, in connection with Ebert, comprise: "Regeneration of Corneal Epithelium," *Virchow's Arch.*, 1870, and *Boston Medical and Surgical Journal*, 1870; "A Case of Intra-Ocular Glioma, in which the disease remained latent for twenty months after perforation of the cornea," Transactions Am. ophthalmolog. soc., 1873; and "Anæsthesia of the Retina," *Boston Medical and Surgical Journal*, 1872.

HAYS, ISAAC, Philadelphia, Pa., was born there about the close of the last century, and graduated from the med. dep't of the univ. of Pa. in 1820. He is best known to the profession through his connection with medical periodicals. In Feb., 1827, he joined the editorial staff of the *Philadelphia Journal of the Medical and Physical Sciences*, published by M. Carey & Sons. Dr. Godman, up to that time the practical editor, removing to New York to assume the professorship of anatomy in Rutgers med. coll., Dr. Hays became the virtual editor. During this year the journal, originally started in 1820, underwent some important changes, a more broadly representative and national character being imparted to it by the securing of the co-operation of the leading medical minds in all parts of the country, and by the adoption of a new title, *The American Journal of the Medical Sciences*. This was in Nov., 1827, and Dr. Hays then became its sole editor, and so remained until 1869, when his son, Dr. I. Minis Hays, who had graduated from the med. dep't of the univ. of Pa. in the previous year, was associated with him. In 1843 the success of the journal led to the establishment in connection therewith of a monthly, entitled *The Medical News*, and in 1874 to that of the *Monthly Abstract of Medical Science*, both under the same editorial supervision. It is noteworthy that of all the medical journals published in the English language at the time of the establishment of the journal, only it and the *Edinburgh Medical Journal* survive.

READ, WILLIAM, Boston, Mass., was educated at Dartmouth coll., from which he graduated A. B. in 1839. His degree of M. D. was conferred in the med. dep't of Harvard univ. in 1842. He is a member of the Mass. med. soc., to which he was admitted in 1843; of the Mass. med. benevolent soc.; of the Boston med. asso. He is the author of "Placenta Prævia, its History and Treatment," Mass. med. soc., and Philadelphia, 1861; "Influence of the Placenta on the Development of Uterus During Pregnancy," *American Journal of Medical Sciences*, 1858; "On the Formation of Knots in the Umbilical Cord," *ibid.*, 1861.

OLIVER, JOSEPH P., Boston, Mass., graduated from the med. dep't of the Harvard univ. in 1871 He is a member of Mass. med. soc., to which he was admitted in 1871; of the Mass. med. benevolent asso.; of the Boston soc. for med. observation; of the Boston med. asso.; of the Boston soc. for med. improvement, and of the social science asso., dep't of health. In the med. dep't of Harvard univ. he holds the position of clinical instructor on diseases of children. Is phys. to the Boston dispens. Among his contributions to medical literature are: "Treatment of Diarrhœa in Young Children," *Boston Medical and Surgical Journal;* "Paracentesis Thoracis," *ibid.*

SHATTUCK, GEORGE C., Boston, Mass., was educated at Harvard univ., graduating A. B. in 1831, and M. D. from the med. dep't in 1835. He is a member of the Mass. med. soc., to which he was admitted in 1836, and of which he is chairman of the

committee on publications; of the Suffolk district med. soc., of which he is councillor; of the Boston med. asso.; an honorary member of the Boston soc. for med. observation; of the Boston soc. for med. improvement; and of the Boston med. benevolent soc., of which he was president in 1877. Is visiting physician to the Mass. gen. hosp.

WORMLEY, THEODORE G., Philadelphia, Pa., was born in Cumberland co., Pa., April 1st, 1826, and was brought up in Carlisle, becoming in due course a student at Dickinson coll., although he did not graduate there. After the prescribed preliminary course of study, pursued under the direction of Dr. John J. Myers, in Carlisle, he matriculated, and in due time received his degree of M. D. He grew to manhood in very humble circumstances, and had not only his own way to make, but to support his mother, in which duty he always proved himself a good son. His name has for many years been known far and wide as a chemist and toxicologist. For a considerable period he held the chair of chemistry and toxicology in the Starling med. coll., Columbus, O., and of natural science in the Capital univ., Columbus, O. On the resignation of Prof. R. E. Rogers, in 1877, he was called to fill the chair of chemistry in the med. dep't of the univ. of Pa. From Dickinson coll. he received in 1870 the degree of Ph. D., and he has also had conferred upon him that of LL.D. His principal work is entitled, "Micro-Chemistry of Poisons, including their Physiological, Pathological, and Legal Relations: Adapted to the Use of the Medical Jurist, Physician and General Chemist;" illustrated; New York, 1867, royal 8vo., pp. 668. The steel illustrations were drawn and engraved by Mrs. Wormley. When these illustrations were submitted to engravers, one and all declined to undertake their execution, alleging that the work called for was so delicate that it would ruin their eyesight. This proved a great disappointment to the author, but his devoted wife resolved that the illustrations should be executed in the manner designed by her husband, set herself to master the art of steel-plate engraving, and, having mastered it, completed all the illustrations herself. How well she succeeded in her self-imposed task is very felicitously stated by the *American Literary Gazette*, of Sept. 16th, 1867, which, speaking of the illustrations, says, "They are of the highest order of merit in their kind, and the courage of the fair artist and its excellent results are of great value, not only in the art and science concerned, but as a proof of that executive faculty that many men deny to women." Professor Wormley was appointed a member of the centennial medical commission, having in charge the arrangements for the International medical congress of 1876, and was a delegate therefrom to the International med. congress, held in Philadelphia in Sept., 1876. He delivered an address before this body on "Medical Chemistry and Toxicology," which is published in its Transactions.

BROWN-SÉQUARD, CHARLES EDOUARD, New York city, was born in the island of Mauritius in the year 1818, the son of Edward Brown, of Philadelphia, and of a French lady named Séquard. His education was obtained principally in Paris. He graduated from the Paris univ. as bachelor of lettres in 1838, and as bachelor of science in 1839. Pursued his medical studies at the École de médecine, Paris, from which he received the degree of M. D. in 1846. Subsequently he became a fellow of the Royal coll. of phys., London, England. In 1855 he was appointed prof. of physiology in the med. coll. of Va., and in 1864 as prof. of physiology and pathology of the nervous system in the med. dep't of Harvard univ., a position he held for three years. From 1869–71 he filled the chair of comparative and experimental pathology in the École de médecine, Paris. He is a fellow of the Royal soc. of England, and of the Am. acad. of sciences. Since graduation he has devoted himself almost exclusively to the pursuit of an extensive series of experimental investigations on important physiological subjects, such as the condition and functions of the different constituents of blood, animal heat, the spinal column and its relations to diseases of the subject, the muscular system, the sympathetic nerves and ganglions, and the effect of the removal of the supra-renal capsules. His investigations on these subjects have been so thorough as to place him in the front rank of living physiologists. He has been very successful in the treatment of obscure and difficult diseases of the spinal column and the nervous system. For years Charles Sumner was under his care for treatment of the injuries sustained by him when assaulted in the U. S. senate chamber. He has travelled a great deal between Europe and the United States, and has delivered both in England and America short series of lectures, besides instructing private classes of physicians in his discoveries and methods of treatment. He has received several prizes from the French acad. of science. Numerous essays and papers have been published by him giving details of his investigations and their results, and he is the

author of "Lectures on the Physiology and Pathology of the Nervous System," 1860; and "Paralysis of the Lower Extremities," 1860.

MICHEL, WILLIAM MIDDLETON, Charleston, S. C., was born in that city, Jan. 22d, 1822. He is of French and Scotch ancestry, his father, Dr. Wm. Michel, being of direct French origin and wholly educated in France, while his mother was a South Carolinian, a Miss Fraser, and a lineal descendant of Simon Fraser, Lord Lovat, of Scotland. Two years of his early life were passed at school in Paris, after which he returned to Charleston, again spending five years in Paris, at the École de médecine, from 1842–46. In March, 1847, he graduated from the med. coll. of the State of S. C., and began practice in Charleston. He was a private pupil of, and dissected for, Cruveilhier, in his laboratory, for two years, and afterwards was in the private laboratory at the Collège de France, as private pupil of Costé. During this term of residence in Paris, in 1844, he delivered a private course of lectures on anatomy, in the French language, to a class of eighteen Frenchmen at the École Pratique, in conjunction with Prof. Richet, then interne of Prof. Velpeau. He was the founder in 1848, and the conductor until 1861, of the Summer med. inst. of Charleston, a private school, in which he delivered lectures on anatomy, physiology and widwifery to perhaps the largest classes ever assembled in the South—at one time numbering 150 students; it was not a chartered school, and was independent of any assistance or patronage from the medical college. In his practice the most notable cases have been: Trephining for epilepsy: cure; elephantiasis scroti (immense), operated on: cured; ligature of subclavian, et.-scaleni, for gunshot wound: cured; removal of parotid: death; ligature of carotid, twice, on the same side, in the same patient, for secondary hemorrhage: death; and removal of cystic tumor of thigh of entire region. Among his contributions to medical literature may be mentioned: "Organogeny; or, the Science of Organization;" "Corpus Luteum Coinciding with Menstruation;" "Early Human Ovum;" monograph on "Pathology of the Pituitary Body;" "Researches on Black Vomit, Yellow Fever;" "Spontaneous Healing of Gunshot Wounds;" "Anatomy of Bullet Track;" "Epithelioma of Lower Lip;" "Gunshot Wounds of Face;" "Hare-Lip in Negro;" and "Fibroma Moluscum." Was editor of the *Confederate States Medical and Surgical Journal* in 1863 and 1864, and the *Charleston Medical Journal*. During the war he was consulting surgeon to the Confederate hospitals at Richmond, Va., with Drs. Chas. Bell Gibson and J. B. Read, and surgeon to the South Carolina hospitals at Richmond, Va. He is prof. of physiology and histology in the med. coll. of the State of S. C. He is a member of the S. C. med. asso.; of the acad. of science, Philadelphia; of the Am. asso. for the advancement of science; and a corresponding member of the Imperial soc. of nat. hist., Paris. Among his other contributions to science should be noted his researches on the "Development of the Opossum," which attracted the attention of Dr. George Morton, who, of his own motion, nominated and elected Dr. Michel a member of the acad. of science, Philadelphia, and which also led to a tilt with Prof. Agassiz, in a debate of an hour, before the Am. asso. for the advancement of science. His diploma as corresponding member of the Imperial soc. of nat. hist., Paris, was brought to him by Prof. Agassiz, when he first visited the United States. He was married, April 11th, 1866, to Cecilia S. Inglesby, of Charleston, S. C.

TYLER, JOHN E., Boston, Mass., graduated A. B. from Dartmouth coll. in 1842, and M. D. from New Hampshire med. coll. in 1846, and from the med. dep't of the univ. of Pa. in the same year. He is a member of the Mass. med. soc., to which he was admitted in 1860; of the Suffolk district med. soc., of which he is a councillor; of the Boston soc. of nat. hist.; of the Mass. med. benevolent asso., of which he is auditor; of the Am. asso. of superintendents of institutions for the insane; of the Am. acad. of arts and sciences; of the New England psychological asso.; of the N. H. med. soc. He is consulting physician to the Mass. gen. hosp., and prof. of mental diseases in the med. dep't of Harvard univ.

LARENDON, JOSH., Houston, Texas, was born in Charleston, S. C., Aug. 21st, 1838, his father, G. Larendon, being a native of North Carolina, and his mother of South Carolina. He was educated in Charleston, at the high school; studied medicine under R. F. and Middleton Michel; attended lectures in 1859 at the coll. of phys. and surg., New York, and graduated from the med. coll. of the State of S. C. in 1861. Began practice in Houston, Texas, but soon joined the Confederate States army as post surgeon at Galveston; six months later was placed in charge of the post at Pelican Spit; in 1862 in charge of hospital at Virginia Point, and in 1863 ordered to Tyler, Texas, in charge of

gen. hosp. Returned to private practice in Houston in 1864. Is a member of the Am. med. asso., and of Texas State med. asso., of which he was chosen treasurer in 1872, and re-elected in 1875 for five years. In 1865, 1866, and 1875 he was elected health officer of the city of Houston. At present he is one of the proprietors of the Houston infirmary. Was married, in 1862, to Marie Pasdeloup, of New Orleans.

DARLING, WILLIAM, New York city, was born in Berwickshire, Scotland, in 1815. After spending several years at a private seminary in acquiring a knowledge of the Greek and Latin languages, and of mathematics, he went to the univ. of Edinburgh, where he obtained a prize by competitive examination for his proficiency in the classics. Abandoning his original intention of entering into holy orders, in 1834 he became the private pupil of the late Dr. Valentine Mott, and attended the lectures of the coll. of phys. and surg. in the city of New York for six years, being at the same time a regular attendant at the city hosp. In 1840 he was appointed ass't phys. to Bellevue hosp., and while acting as such had charge of the male and female penitentiary hosps., and also of the small-pox hosp. situated on Blackwell's island. His term of service at Bellevue having expired, and following his preceptor, Dr. Valentine Mott, in 1841 he entered as a pupil of the med. dep't of the univ. of the city of New York, from which he was graduated M. D. in 1842. A few weeks after receiving his degree he was appointed prosector of surg. in the same institution, which position he held until 1845, when he was appointed by the late Prof. Granville Sharpe Pattison demons. of anat. This appointment he held until 1853, when he became senior ass't phys. to the quarantine hosp., Staten island. In the session of 1851–52, after the death of Prof. Pattison, who delivered only six lectures of the course, he was acting prof. In 1855 he was appointed senior ass't surg. to the emigrants' hosp., Ward's island, where he remained one year. Matters of business demanding his presence in London, he repaired there in 1856, and on the 21st of November, of the same year, he was admitted a member of the Royal coll. of surg. of England. He remained in Europe for ten years, most of the time in London, in daily attendance at the lectures and cliniques at the various hosps.; and also the lectures at the coll. of surg., the Royal institution, Gresham coll., school of arts, and school of mines, etc. During the same period he spent some time in Paris, Edinburgh, Glasgow, etc., employing it in attendance on lectures, visiting museums, reading-rooms, etc. In 1862 he received the degree of A. M. from the univ. of the city of New York. In 1866 he was appointed prof. of anat. in the univ. of New York, and before leaving London to return to New York he obtained what had long been the object of his ambition, viz., the fellowship of the Royal coll. of surg. He was admitted to examination on the recommendation of the late Sir William Fergusson, Mr. John Wood, and Mr. Henry Smith, and having been found qualified received his diploma of fellowship June 14th, 1866. In 1850 he was elected senior member of the medico-chirurg. soc. of Philadelphia. In 1868 he was chosen censor of the New York coll. of veterinary surg. In 1871 he was acting, and in 1873 was appointed, prof. of anat. in the univ. of Vt. In 1877 the R. I. med. soc. elected him an hon. mem., and on Nov. 8th, 1877, he was elected foreign correspondent of the Société D'Anthropologié of Paris.

MONTGOMERY, JOHN, Chambersburg, Pa., grandson of James Montgomery, who emigrated from the north of Ireland in 1798, and son of James Montgomery, of Chambersburg, was born in West Chester, Chester co., Pa., Dec. 29th, 1835. He was academically educated at Litiz acad., Lancaster co., and at Chambersburg acad., and after studying medicine at the Jefferson med. coll., Philadelphia, he graduated from that institution in March, 1858. He located himself in Chambersburg, where he pursued a general practice, and where he subsequently, after 1864, entered into a partnership with Dr. John Curtis Richards, in whose office he had been a student, with whom he continued in practice for eight years. He is a member of the Pa. State med. soc., and was its vice-president in 1874; was president of the med. soc. of Franklin co., and its recording secretary in 1877. In 1862 he married C. A., daughter of Peter Brough, Esq., of Chambersburg.

VELDER, LOUIS, Elmira, N. Y., was born in Haibach, Austria (Superior), Europe, Sept. 9th, 1816. His father was a native of Wurtemburg; his mother a native of Austria. He received his academical and philosophical education in the Catholic monastery of the order of St. Benedict, at Kremsmunster, Austria Superior, and his medico-surgical education at the univ. of Vienna, graduating from the latter in 1847. On arriving in this country he settled first in Danville, N. Y., and afterwards in Elmira, N. Y., where he still resides. He is a general practitioner, and in his career he has met with

two cases of rupture of uterus during labor, one from excessive labor pains and the other from disease of the walls of the uterus. He is a member of the Chemung med. soc., and was its president during 1873. He is the translator of Huebner's article on "Syphilis of the Spinal Cord" for vol. XII of "Ziemssen's Cyclopædia of the Practice of Medicine." He was president of the board of health of the city of Elmira during 1872, 1874, 1875, and 1876, and was ass't health officer in 1877; also phys. to the N. Y. State reformatory at Elmira, and sanitary sup't of the public schools of the city of Elmira. In 1851 he was married at Danville, N. Y.

KUHN, LOUIS DEBARTH, Reading, Pa., son of Col. Kuhn, now associate judge at Gettysburg, Pa., and of Miss McCabe, of St. Louis, Mo., born at East Berlin, Adams co., Pa., Oct. 22d, 1829, received his collegiate education at Mt. St. Mary's coll., Emmittsburg, Md., during 1845, 1846, and 1847; his pharmaceutical education at the Philadelphia coll. of pharmacy during 1851; and his medical education at the univ. of Pa. in 1854, and at the Jefferson med. coll., at which he graduated in 1855. He settled in Philadelphia in 1854. During 1855 and 1856 served as surg. on board the U. S. cutter "Lane," between Norfolk, Va., and San Francisco, Cal. In 1856, 1857, 1858, 1859, 1860, and 1861, he was in the U. S. army, a part of which time, 1859, attached to the boundary commission, surveying the 49th parallel, department of the Pacific; in 1861, 1862, 1863 was surg. to the U. S. marine hosp., Puget sound; in 1864, 1865, 1866, and 1867 pursued a private practice in Port Townsend, Washington Territory. He settled in Reading in 1868. He is a member of the Berks co. med. soc., was its censor and recording secretary in 1868, 1869, and 1870, vice-president in 1874, and president in 1876 and 1877; also of the Reading med. asso., president in 1870 and 1877; he has also been delegate to the State med. asso., and to the Am. med. asso.; was med. attendant to Berks co. almshouse in 1874, and is at present phys. to Berks co. jail. In Jan., 1874, he married Amelia, daughter of F. W. Pettygrove, Esq., of Port Richmond, Puget Sound, W. T.

POPE, JOHN HUNTER, Marshall, Texas, son of Alexander Pope and Sarah (Willie) Pope, was born in Washington, Wilkes co., Ga., Feb. 12th, 1845. His literary education was received at academies in Washington, Ga., and Marshall, Texas, and at the univ. of Va., and his medical education at the univ. of La., the clinics at the charity hosp., New Orleans, and at the univ. of Va., graduating from the latter in July, 1868. He first began practice at Milford, Ellis co., Texas, in 1869, but in 1870 removed to Marshall, where he has since resided. He is a member of the Harrison co. med. asso., and of the Texas State med. asso.; was secretary of the former in 1874 and 1875, and first vice-president of the latter in 1876–77. He is the author of "History of Epidemic of Yellow Fever at Marshall, Texas, 1873," "Report on Climatology and Epidemics of Texas, 1874," "Report on Science and Progress of Medicine," 1875, etc. He was a private soldier in the Confederate army from 1862 to 1865, and in 1877 he was appointed member of the State board of medical examiners for the 2d judicial district of Texas. In Dec., 1872, he married Mar" Eloise Tarleton; she died in Sept., 1873.

TAYLOR, J. HOWARD, Philadelphia, Pa., born in Kennett Square, Chester co., Pa., received his academic education at Kennett Square and in West Chester, Pa., and his medical education in the med. dep't of the univ. of Pa., graduating from the latter in March, 1852, establishing himself first at Kennett Square, and afterwards in Philadelphia. He has held the positions of port phys. and lazaretto phys., and has had charge of the municipal hosp. of Philadelphia. He entered the Union army at the outbreak of the war of the rebellion; he entered a regiment of three months' men as regimental surg.; was subsequently made brigade surg., and placed in charge of the Irish brigade; then surg.-in-chief 1st division 2d army corps; med. director 2d army corps; med. inspector army of the Potomac; and surg. in charge of the Summit House U. S. army gen. hosp. He was subsequently brevetted lieut.-col. of U. S. volunteers.

MCKEE, JAMES, Raleigh, N. C., was born in that city, Jan. 5th, 1844, son of Dr. W. H. McKee. Received his early education in Raleigh; entered the univ. of N. C. in 1860. After eighteen months left the univ. to join the army as a private. After the war, in which he rose to be lieutenant, he studied medicine in his father's office, and graduated from Bellevue hosp. med. coll., New York, in 1869. Began practice in Raleigh. Is a member of the Raleigh acad. of med., and of the med. soc. of the State of N. C., of which, in April, 1871, he was elected secretary, an office he still holds; has been alderman of the city. Was married, Sept. 30th, 1873, to Mildred Sasser, of Raleigh, N. C.

MCNEIL, DANIEL CLARENCE, Osceola, Mo., born near Springfield, Sangamon co., Ill., Jan. 16th, 1825, of Scotch-Irish ancestry on his father's side; was educated at Monmouth, Ill.; read medicine with Dr. Samuel Webster of that place, and graduated from a college in Philadelphia, Pa., and commenced practice with Dr. Webster in 1845. In 1846 he went to Mexico and returned in 1847. He has practised medicine at Cambridge and Henry, Ill.; at Winterset, Camanche, and DeWitt, Iowa, and is now settled at Osceola, in this State. He has been a member of the Clinton co. med. asso., Iowa; of the St. Clair co. med. asso., Mo.; and of the Iowa and Ill. States med. assos. He entered the Mexican war in 1846 in the 1st reg. Ill. vols., was subsequently appointed acting ass't surg., in charge of a hospital at San Antonio, Texas, and afterwards took part in the battle of Buena Vista in Feb., 1847, and was subsequently appointed ass't surg. 2d Ind. vols.—wounded men. In 1861 he was commissioned captain of, and recruiting officer for, co. A, 1st reg. U. S. lancers; and in 1862 ass't surg. 16th Iowa vol. inf. He was afterwards in charge of negro brigade; with the 16th Iowa at the battle of Corinth; in charge of hosp. at La Grange, Tenn., and hosp. No. 1; was 1st ass't surg. 2d U. S. vols., district of Iowa; in charge of hosps. at Fort Ellsworth, Texas, and Fort Larned, Kansas; was next attached to the 2d Colorado cavalry; then of post hosp. at Fort Larned; and then medical director 3d subdistrict, upper Arkansas. In Sept., 1865, he was appointed chief surgeon of Indiana commission to hold council with the Cheyennes and other Indian tribes; and was mustered out of service in Nov., 1865. In 1866 he was appointed examining surg. for pensions at DeWitt, Iowa; holds the same office for Osceola now; and was elected surg.-gen. of the G. A. R. at its organization in Indianapolis. He is examining surg. for the following insurance companies: Accident of Columbus, Ohio; Missouri mutual life, St. Louis; mutual life, New York; life association of America; St. Louis mutual life; Ætna life, Hartford, Conn.; Atlas mutual life, St. Louis; and National life, Philadelphia. He has been lecturer on "Joint Diseases;" has read essays on "Dislocations," "Fractures," "Quinine," surgical operations and cases treated by himself, etc., etc.; has been connected with a large number of beneficial and charitable societies, fraternities, etc., and has held offices in all; has been connected with political organizations, railroad corporations, etc., etc.; has edited two newspapers, and contributed, variously, over 3,000 articles; has been postmaster and coroner in Iowa, and has been three times in the drug business. In March, 1861, he was presented with a diploma "*Pro causa Honoris*" from the Pennsylvania medical college. In Dec., 1849, he married Elizabeth Ann Graham, a descendant of Sir John Graham, Duke of Montrose.

STERLING, JOHN WILLIAMS, Port Richmond, N. Y., of American and Irish parentage, was born in the city of New York, June 12th, 1795. He studied medicine under Drs. Valentine Seamen and Thos. Cook, and attended the medical institution, and New York hospital for three years, ending July, 1816; also the lectures of Drs. Coles, Dease, Todd, etc., on anatomy, physiology, surgery, etc.; and was licensed to practise medicine by the county medical society of New York in 1816. In 1816 and 1817 he attended the lectures at the Royal coll. of surg., and Richmond and Swift hosps., Dublin; of Sir Astley Cooper and Benjamin Travers, at Guy's hosp., and St. Thomas hosp., London, in 1817 and 1818; and of Drs. John Abernethy and William Lawrence at St. Bartholomew's hosp., London. During the year 1818 he visited Paris and attended the lectures of Dr. Brousseau at his hospital in that city. On his return he settled as a general practitioner in New York and Staten island. In 1818 he was elected a member of the Royal coll. of surg. in London; in 1829 fellow of the coll. of phys. and surg. of the univ. of the State of N. Y. He has been prosector and demonstrator of surgical anat. in the coll. of phys. and surg., New York; translated *Velpeau's Surgical Anatomy* from the French and published it in 1830; was appointed phys. of Ward's island hosp. in Dec., 1847; ass't phys. of the Marine quarantine hosp., New York, 1848, a position he held till 1853; and was phys. of the commissioners of emigration of New York and of Castle Garden, from 1853 to 1873; since the last date he has been consulting phys. at Castle Garden. In May, 1819, he married Margaret Kelso, of New York, who died in Nov., 1872.

MEANS, THOMAS ALEXANDER, Montgomery, Ala., was born at Oxford, Newton co., Ga., Oct. 11th, 1828, of Scotch-Irish ancestry. He was educated at Emory coll., Oxford, Ga., and graduated in 1851; received the degree of A. M. in 1866. His first course of medical lectures was taken at med. coll. of Ga., Augusta, and he graduated at med. coll., Atlanta, Ga., in 1856. Thereafter he spent two years abroad in

study. First settled at Memphis, Tenn., in 1858, and took up his residence in Montgomery in 1867. From 1861 to 1865 he served as surg. in the Confederate army; was left in charge of the wounded of Longstreet's division at Gettysburg for five months; was retained as a hostage and exchanged in 1863; was a member of the med. examining board of Longstreet's corps at Greenville, Tenn. While in the army he made eight resections of elbow; four shoulder-joint amputations; removed the left-half of lower jaw, and performed castration and amputation of penis. In civil practice he has performed the operation of ovariotomy three times, made two resections of elbow, etc., etc. He is a member of the med. and surg. soc. of Montgomery, and has been secretary since Dec., 1866; is secretary of the board of health; health officer of the city; registrar of vital statistics; member and secretary of commissioners of public schools of Montgomery. His writings comprise: "Parisian Hospitals, their Features and Advantages," 1857; "Ecraseur," 1857; "Spermatorrhœa," 1859; "Amputation of Lower Jaw," 1858; "Diphtheritis, or Diphtheritic Sore Throat," 1861; "Case of Ovarian Tumor, forty-one pounds, removal of, successful," 1871. Married, Feb. 11th, 1864, and, his first wife dying, a second time, Jan. 26th, 1873.

ROGERS, ROBERT EMPIE, Philadelphia, Pa., was born in Baltimore, Md., in 1814. After a thorough preliminary education he graduated M. D. from the med. dep't univ. of Pa. in 1836. From 1844–52 he was prof. of chemistry in the univ. of Pa. He assisted his brother, J. B. Rogers, in preparing his edition of *Turner's Chemistry*, and on his death succeeded him as prof. of chemistry in the med. dep't of the univ. of Pa. In 1877 he resigned that chair, and was elected to a similar position in the Jefferson med. coll., Philadelphia, which he still holds. He edited the American reprint of *C. G. Lehman's Physiological Chemistry* (1855), has contributed to the *Journal of the Franklin Institute*, and took part with his brothers in the geological surveys of Virginia and Pennsylvania.

SHORTLIDGE, EVAN G., Wilmington, Del., was born in Chester co., Pa., in 1844. Having graduated at Fort Edward institute, on the Hudson, he taught school until 1862, when he entered the med. dep't of the univ. of Pa. In 1863 he enlisted in the 15th Pa. cavalry, served throughout the severe southwestern campaign terminating at the battle of Nashville. On being mustered out he resumed his studies at the med. dep't univ. of Pa., and graduated in 1868. After a year's service in Blockley hosp., he received an appointment as member of the Friends' commission to instruct and civilize the Indians. For one year he labored in this mission in northern Nebraska, then returned east and settled in Wilmington. His practice is general, but he inclines to surgery. He is a member of the Wilmington med. soc. From 1874–77 he was president of the board of education of Wilmington, and for four years has been a member of the board of health. For six years he was phys. to the Newcastle co. almshouse; and since 1874 phys. to the Wilmington city hosp. In 1875 he was married to Elizabeth A. Douglas, a native of England.

HOWARD, EDWARD LLOYD, Baltimore, Md., graduated from the med. dep't of the univ. of Md. in 1861. He is a member of the med. and chirurg. fac. of Md.; the Am. med. asso., in which he has served on the judicial council; of the acad. of arts and sciences of Md. He is the editor of the *Baltimore Medical Journal*. During the war he served for four years in the Confederate army. He is prof. of anat. and diseases of the nervous system in the coll. of phys. and surg., Baltimore; and of anat. in the Baltimore coll. of dental surgery.

JOHNSTON, WILLIAM P., Washington, D. C., graduated from the med. dep't of the univ. of Pa. in 1836. He is a member of the med. asso. of the D. of C., and of the Am. med. asso., and emeritus prof. of obstet. and diseases of women and children in the National med. coll. of the Columbian univ. He is also president of the faculty of that institution.

MAYER, EDWARD R., Wilkesbarre, Pa., graduated from the med. dep't of the univ. of Pa. in 1844. He is a permanent member of the med. soc. of the State of Pa., to which he was admitted in 1866.

CANFIELD, JOEL, Guilford, Conn., graduated from the med. institute of Yale coll. in 1824. He is a member of the Conn. med. soc.; of the med. soc. of New Haven co.

DAWSON, W. W., Cincinnati, O., for many years prof. of principles and practice of medicine in the Ohio med. coll.; is a member of the med. soc. of Ohio, and of the Am. med. asso. He is surgeon to the Cincinnati hospital.

SMITH, DAVID P., Springfield, Mass., was educated at Yale coll., from which he graduated A. B. in 1851. His degree of M. D. was conferred by the Jefferson med. coll., Philadelphia, in 1853. He is a member of the Am. public health asso.; of the Mass. med. asso., to which he was admitted in 1854. He is prof. of the theory and practice of medicine in the med. institute of Yale coll.; post surg. at Springfield armory; phys. to the home for the friendless; consult. phys. and surg. to the med. board of the gen. hosp. soc., Conn.; consult. phys. to the New Haven dispens., and exam. surg. to the pensions bureau. His contributions to medical literature comprise: "Remarks on Fractures," *American Medical Times*, 1860; "Practice of Surgery," *ibid.*, 1862.

SARGENT, JOSEPH, Worcester, Mass., was educated at Harvard univ., from which he graduated A. B. in 1834, and M. D. from the med. dep't in 1837. He is a member of the Mass. med. soc., to which he was admitted in 1840; a corres. member of the Boston soc. for med. improvement; of the Mass. med. benevolent asso.; of the Worcester dist. med. soc., of which he is a councillor. He is consult. phys. to the Worcester city hosp.

BROWN, GEORGE W., Port Carbon, Pa., graduated from the Jefferson med. coll., Philadelphia, in 1844. Is a member of the Schuylkill co. med. soc., of which he has been president, vice-president 1876–77; a permanent member of the med. soc. of the State of Pa. since 1867.

SHANNON, NATHANIEL, Cape Elizabeth, Me., was born at Pittsfield, N. H., Aug. 28th, 1822; the son of Dr. Thomas Shannon, of Moultonborough, N. H. Educated at Wolfborough, Sandwich, New Hampton and Gilmanton acads., he studied medicine at the med. dep'ts of Harvard univ. and Dartmouth coll., graduating in Oct., 1848. First practised at Sandwich, and then at Loudon, N. H. Is a member of the Me. med. asso., and of the Cumberland co. med. soc., of which he was president in 1876.

RICHARDSON, WILLIAM LEE, Montrose, Pa., was born in Harford, Susquehanna co., Pa., June 7th, 1815. He attended lectures at the coll. of phys. and surg. of the western dist. of N. Y., session of 1839–40; at Geneva med. coll. in 1840–41; and at the Jefferson med. coll. in 1847–48 and 1857–58, graduating at the last-named institution in 1848. Began practice in Brooklyn, Pa., with his preceptor, Dr. B. Richardson; in 1854 removed to Nesquehoning, and in 1867 to Montrose. Is a member of the Susquehanna med. soc., and its president since 1872; of the med. soc. of the State of Pa., vice-president in 1871; and of the Am. med. asso. Was a delegate from the med. soc. of Pa. to the International med. congress. Married Mary Fish, Jan. 7th, 1849.

TAGGART, WILLIAM HEMBEL, Philadelphia, Pa., was born at Winchester, Va., July 15th, 1830. He was educated at the univ. of Pa., graduating from the dep't of arts in 1849, and from the med. dep't in 1852. Has always practised in Philadelphia and made a specialty of the study of materia medica. Is a member of the acad. of nat. sciences. Was prof. of materia medica in the Philadelphia coll. of med., and in the Pa. med. coll. During the war he served for three months as surg. of the 10th Pa. infantry; for three years as surg. of the 2d Pa. cavalry, and six months as act. ass't surg. in the U. S. navy. Is not married.

WYMAN, MORRILL, Cambridge, Mass., graduated A. B. from Harvard univ. in 1833, and M. D. from its med. dep't in 1837. He is a member of the Mass. med. soc., to which he was admitted in 1837; of the Cambridge soc. for med. improvement, and of the Am. acad. of arts and sciences. His published writings include: "A Treatise on Ventilation," Cambridge, 1846; "Autumnal Catarrh," New York, 1872, and Boston, 1876.

MCPHEETERS, WILLIAM M., St. Louis, Mo., was born in Raleigh, N. C., Dec. 3d, 1815, son of Rev. Wm. McPheeters, D. D., of that city. He was educated at the univ. of N. C., Chapel Hill, and graduated from the med. dep't of the univ. of Pa. in 1840. For one year thereafter he was resident physician at Blockley hosp., Philadelphia, and then settled in St. Louis. From 1848 to 1862 he was prof. of materia medica and therapeutics in the St. Louis med. coll., and from 1866 to 1874 in the Mo. med. coll. He was the editor of the *St. Louis Medical and Surgical Journal* from 1843 to 1861. He published a "History of the Cholera Epidemic in St. Louis in 1849," and many reports of cases. From 1856 to 1861 he was surgeon to the U. S. marine hosp. at St. Louis. He is a member of the St. Louis med. soc., president in 1856; of the med. asso. of the State of Mo., president in 1852; of the Am. med. asso., vice-president in 1873;

of the St. Louis medico-chirurg. soc.; honorary member of the State med. socs. of N. C. and Ark. In 1876 and 1877 he was a member of the St. Louis board of health, and med. director of the St. Louis mutual life insurance company during its prosperous days. For three years he was surgeon in the Confederate States army; chief surgeon to Major-Gen. Thos. I. Churchell's division, and med. director on Major-Gen. Sterling Price's staff. Has been twice married: in 1845 to Martha Selden, of Virginia, who only lived about a year; in 1849 to Sallie Buchanan, of St. Louis.

SINCLAIR, ALEXANDER D., Boston, Mass., was educated at the med. dep't of Harvard univ., from which he graduated in 1857. During the following year he received the degree of L. M. from the Edinburgh univ. He is a member of the Mass. med. soc., to which he was admitted in 1857; of the Suffolk district med. soc., of which he is a councillor; of the Am. gynæcolog. soc.; of the Mass. med. benevolent asso.; of the Boston med. asso.; of the Boston soc. for med. improvement; of the obstetrical soc. of Boston, of which he is one of the prudential committee; of the Boston soc. of nat. hist.; and of the obstetrical soc. of London, England. Among his contributions to medical literature are: "Pelvic Cellulitis," *Boston Medical and Surgical Journal*, 1860; "Peri-Uterine Inflammation," Reports Boston city hosp., 1870; "Manual Dilatation of the Cervix Uteri, as a Means of Inducing Premature Labor," *Boston Medical and Surgical Journal*, 1875. He is a member of the consulting board of the free hosp. for women, Boston.

STEDMAN, C. ELLERY, Dorchester, Mass., was educated at the Harvard univ., graduating A. B. in 1852, and M. D. from the med. dep't in 1855. He is a member of the Mass. med. soc., to which he was admitted in 1855; of the Boston soc. for med. observation; of the Mass. med. benevolent asso.; of the Boston med. asso.; of the obstetrical soc. of Boston, and one of its prudential committee; and of the Dorchester med. club, of which he is secretary. He is physician to the Boston city hosp.

RICHARDSON, WILLIAM L., Boston, Mass., was educated at Harvard univ., from which he graduated A. B. in 1864, and M. D. in 1867. He is a member of the Mass. med. soc., to which he was admitted in 1867; of the Boston soc. for med. observation; of the Boston soc. for med. improvement; of the Am. public health asso.; of the obstetrical soc. of Boston, of which he is treasurer; of the Boston soc. of med. science; of the Boston soc. of nat. hist.; of the obstetrical soc. of London, England. Is physician to the out-patients of the Mass. gen. hosp.; to the Boston lying-in hosp.; is inspector in service of the Boston board of health, and surgeon to the 1st corps cadets, Mass. vol. mil. Among his contributions to medical literature is, "External Manipulation in Obstetric Practice," Pub. Mass. med. soc., 1872. He is instructor in clinical obstetrics in the med. dep't of Harvard univ.

MCGRAW, THEODORE A., Detroit, Mich., was born Nov. 11th, 1839, of American parents, and on the father's side of Scotch-Irish and on the mother's of English ancestry. He was educated at Berlin univ.; received the degree of A. B. from the Mich. univ. in 1859, and graduated from the coll. of phys. and surg., New York, in 1863. Began practice in Detroit, giving especial attention to surgery, of which he is professor in Detroit med. coll. He is a member of the Am. med. asso.; of the Mich. med. soc.; of the Detroit acad. of med.; of the Detroit med. and library asso. He has contributed various papers on surgical subjects to the medical journals. From 1863–65 he served in the army, first as acting ass't surg., afterwards as ass't surg. U. S. vols. Was married July 10th, 1866.

MERRILL, CYRUS S., Albany, N. Y., was born in Vermont, and educated at Amherst coll., Mass., graduating with the class of 1867. He received his degree of M. D. from the coll. of phys. and surg., New York, in the class of 1870, and settled in Albany, making a specialty of ophthalmology and otology. He is a member of the Am. ophthalmolog. soc.; of the Am. otolog. soc., and of the Albany co. med. soc. He is the prof. of ophthalmology in the Albany med. coll.; ophthalmic and aural surgeon to St. Peter's hosp.; the Albany city hosp.; to the Child's hosp. in Albany, and to the Troy hosp. In Oct., 1875, he married the daughter of Hon. Stephen Griffin.

GARNETT, ALGERNON SIDNEY, Hot Springs, Ark., was born in Virginia; received the degree of A. M. from Georgetown coll., D. C., and graduated from the med. dep't of the univ. of Va., and from Jefferson med. coll., Philadelphia, in 1855 and 1856 respectively. Is a member of the Am. asso. for the advancement of science, and correspondent of the Ala. State med.

soc. Is prof. of physiology, comparative anatomy and hygiene in the med. dep't of the univ. of Ala. He was ass't surg. in the U. S. navy, and afterwards surgeon in the Confederate States navy.

HULL, WILLIAM R., Williamsport, Pa., was born at Milton, Northumberland co., Pa., and prepared for college at Tuscarora acad. He graduated from the med. dep't univ. of Pa. in 1858, and began practice in Hepburnville, Lycoming co., moving to Williamsport, April, 1869. He is a member of the Lycoming co. med. soc.; of the med. soc. of the State of Pa.; has been several times elected president of the co. soc.; and has served as censor of the State soc. During the war he was ass't surg. in the 171st Pa. reg. He is a charter member of Williamsport hosp. asso., and secretary of the hosp. board. Oct. 10th, 1860, he married J. M. Willard, of Williamsport.

RICHARDSON, EDWARD, Louisville, Ky., of Irish extraction, originally, on his father's side, from ancestry who served under Cromwell, born in Virginia, June 26th, 1832; educated at Bethany coll., West Va.; graduated in medicine from the Transylvania univ., Lexington, Ky., in 1850, and settled first in Fayette co., then in Mercer co., then in Wayne co., and after the war, in which he participated, in Louisville. He is a member of the Am. med. asso., of the Ky. State med. soc., and of the coll. of phys. and surg., Louisville, and was one of the board of censors of the latter in 1872 and 1873. He is the author of the "Use of Sulphur in Angina Pectoris," "Conservative Surgery in Injury of Joints," on "Transfusion of Blood in Diabetes," on "Medical Education," read before the Ky. State med. soc., etc. He served in the Union army in the late war as surg. of the 12th Ky. vol. infantry.

POLLOCK, A. M., Pittsburgh, Pa., is a permanent member of the med. soc. of the State of Pa., to which he was admitted a member in 1871, and of which he was elected president in 1872. He is a member, also, of the Am. med. asso., and was sent by it as a delegate to the International med. congress, Philadelphia, 1876.

FORBES, WILLIAM S., Philadelphia, Pa., graduated from the med. dep't of the univ. of Pa. in 1866. He was formerly surg. to the Episcopal hosp. During the war he served in the army, and his graduating thesis was on the treatment of the wounded men of the 13th army corps during the siege of Vicksburg. For years he was prominent as a lecturer on anatomy, attracting very large private classes. He is a member of the pathol. soc. of Philadelphia.

STARLEY, WILLIAM FRANKLIN, Mexia, Texas, was born in Nacogdoches co., Texas, Sept. 4th, 1843. Having received a common school education, he took his first course of medical lectures at the med. dep't of the univ. of La., and his second at Long Island coll. hosp., Brooklyn, N. Y., from which he graduated in June, 1871. He settled first in Fairfield, Freestone co., Texas, whence he moved, April, 1873, to Mexia, Limestone co., going thence, May, 1876, to Corsicana, Navarro co., returning, May, 1877, to Mexia. He makes a specialty of gynæcology. He is a member of the Limestone co. med. soc. In the civil war he served as a private in the Confederate army. He married Dec. 13th, 1871.

STILLMAN, J. D. BABCOCK, San Francisco, Cal., son of Joseph Stillman, of Westerly, R. I., and of Eliza W. (Maxson) Stillman, of Newport, R. I., both descended from early English settlers of that colony, was born in Schenectady, N. Y., Feb. 21st, 1819. He graduated from the Union coll., Schenectady, in 1843, and after holding the position of principal in the DeRuyter institute, N. Y., for one year, commenced the study of medicine. He first entered the office of Professor Chandler R. Gilman, then that of Professors Parker and Watts, and also studied in the coll. of phys. and surg., whence he graduated in 1847. Commencing practice in New York he shortly after, in 1849, embarked as surgeon with a company of young men for the gold regions, via Cape Horn. He remained at Sacramento a year in charge of a hospital (in company with Dr. J. F. Morse), and then returning resumed practice again in New York. The years 1852 and 1853 were spent in foreign travel and visits to European hospitals. In 1856 he became surg. of the Pacific mail steamship company, and located at Sacramento in 1858. In 1861 he removed to San Francisco. His practice is general, and botany in science has been his favorite study. He was a member of the New York pathol. soc., and corres. member of the New York lyceum of natural history. He is now member of the Cal. acad. of sciences, and was corres. member of the med. soc. of Cal., organized in 1850. In Nov., 1851, he published in the *New York Journal of Medicine* a paper on the "Climate and Diseases of the Sacramento Valley," besides other papers in the

same and other journals. At one time he was editor of the *San Francisco Medical Gazette*. He formerly held a position in the Demilt disp., and again subsequently after his return from Europe was for two years connected with that institution. In 1870 he was elected prof. of materia medica in the med. dep't in the univ. of Cal., an office he resigned in 1871. He has been school director and coroner of San Francisco, and acting surg. on the frontier, in 1855, in Texas, and also in fights with the Apaches. He is now one of the trustees of the corporation endowed by the late James Lick for the establishment of a school of the mechanic arts; also of a fund for the founding of free baths. His first wife was Caroline B., daughter of John Maxson, of DeRuyter, N. Y.; she died in 1852. He then married Mary, daughter of William D. Miles, Esq., of Westerly, N. Y. His son, John M. Stillman, graduated at the univ. of Cal. in 1874, and is now ass't prof. of chemistry in that institution.

DOREMUS, R. OGDEN, New York city, graduated in medicine over forty years ago, and has devoted himself to the pursuit of the sciences of chemistry and toxicology. He was one of the founders of the Bellevue hosp. med. coll., New York, and since its establishment has filled the chair of chemistry and toxicology. He is also prof. of chemistry in the New York coll., a literary institution, and lectures on the same subject in several other educational establishments. From time to time he has appeared as a lecturer on the same subject before general audiences. His services are constantly in requisition as an analyst, subjects for analysis being sent to him from all parts of the United States. He is married and has several children. One of his sons, Dr. Charles A. Doremus, has acted as his assistant at Bellevue and elsewhere for some years.

ROSS, WILLIAM H., Washington, D. C., is a graduate of the med. dep't of the univ. of Georgetown. He is a member of the med. asso. of the D. of C., and of the med. soc. of the alumni of Georgetown coll., holding the position of secretary in the latter.

CARSON, WILLIAM, Cincinnati, O., graduated from the med. dep't of the univ. of Pa. in 1850. He is a member of the med. soc. of Ohio, having been admitted in 1871; and of the Am. med. asso. He is pathologist to the Cincinnati hospital.

PANCOAST, JOSEPH, Philadelphia, Pa., was born in Burlington co., N. J., in 1805. Adopting the profession of medicine and surgery, he studied at the med. dep't of the univ. of Pa., and graduated therefrom in 1828. He at once commenced practice, and made surgery his specialty. He began teaching practical anatomy and surgery in 1831; and during the same year he translated from the Latin a "Treatise on the Structure, Functions, and Diseases of the Human Sympathetic Nerve," by J. Frederick Lobstein, to which he added notes. In 1834 he was elected one of the phys. of the Philadelphia hosp., Blockley; shortly afterwards, phys.-in-chief to the children's hosp., in the same institution; and from 1838 to 1845 he was one of the visiting surg. to the same hosp. In 1838 he was elected prof. of surgery in the Jefferson med. coll. In 1844 he published his "Treatise on Operative Surgery," which he revised and enlarged in 1852, when it had passed to a third edition. During the first nine years of its existence upwards of four thousand copies were sold. He also, in 1844, remodelled the able work—originally written by Dr. Casper Wistar, to which the late Prof. William E. Horner had made valuable additions—entitled, "A System of Anatomy for the use of Students." On March 27th, 1854, he was elected one of the surg. of the Pa. hosp., and resigned that position on Feb. 29th, 1864; in 1847 elected prof. of anat. in Jefferson med. coll., from which he resigned in 1874, and was succeeded by his son, Dr. William H. Pancoast. He thus filled for a period of thirty-six years, successively, two of the most important chairs in that celebrated school. He has also edited at sundry times, "Manec on the great Sympathetic Nerve," and the "Cerebro-Spinal System in Man," by the same author; and subsequently, "Quain's Anatomical Plates." He has been a voluminous contributor to the *American Journal of the Medical Sciences*; the *American Medical Intelligencer*, and the *Medical Examiner*; beside publishing various monographs, both pathological and surgical, and, at the time, many new operations in the then novel department of plastic surgery. He has also published sundry essays and introductory lectures to his class; the one of 1856 is entitled, "Professional Glimpses Abroad." He is a member of the American philosophical society, of the college of pharmacy, and other scientific institutions; of the Philadelphia co. medical society, and the medical society of Pa. Among the many new operations devised by him is the following one for soft and mixed cataracts: a very

fine needle, turned near the point into a sort of hook, is introduced three-sixteenths of an inch behind the cornea,—it passes through the front part of the vitreous humor, between the margin of the dilated iris and the lens, and does not even touch the corpus ciliare—the most sensitive part of the interior of the ball. The advantage of this needle is, that the soft parts of the lens can be well and deeply cut, and any hardened nucleus withdrawn by the needle, along the line of its entrance by a sort of horizontal displacement, and the piece left in the outer border of the vitreous humor; surprisingly little irritation usually follows this operation. 2. He devised, in 1841, the plough and groove, or plastic suture, in which four raw surfaces, the bevelled edges of the flaps, and the margins of the groove cut by the side of the nose, to receive the flaps, come together. He continues the use of this suture and is quite certain to have union to follow in all his rhinoplastic operations. 3. In removing cystic tumors, it is often best not to cut them out, but to open the integuments down to the sac, and then cut on a director the cellular connections that hold the sac down. 4. For the occlusion of the nasal duct, in the ordinary cases of epiphora, he introduces from the front by a puncture of the lachrymal sac, a hollow ivory tube from which the earthy matter has been removed—and leaves it to slowly dissolve. Mr. Bowman, of London, speaks well of the plan, and has very frequently used it. 5. He has shown that in bad cases of internal strabismus the tendon of the internal oblique muscle is often girdled by rigid connective tissue. The eye then will hardly come right till the tendon is drawn out with the blunt hook and cut. 6. He has shown that, after the eyebrow had been destroyed, a good-looking substitute could be made by raising a flap of the scalp with the soft drooping hairs of the temple, and giving it a long pedicle, to run in a bed cut for it up to the brow. 7. He has four times performed, with success, a lumbar operation for large abscesses, lying in the connective tissue between the colon and cœcum and the front of the quadratus muscle. It is caused sometimes by a blow—but more frequently from inflammation of the colon and cœcum—operations in these cases are peremptorily required. 8. The posterior muscles of the velum palati are sometimes robbed of their mucous membrane; and from the cicatrices following these throat ulcers, the muscles become rigid and hold the velum drawn up, and so fixed, as to impair the voice. By cutting these muscles behind the velum and loosening any attachment it may have made to the pharynx—a voice, that was unintelligible, can often be restored. 9. In 1829 he published in the *American Journal of the Medical Sciences* an operation for empyema, by raising a semicircular flap of the integuments over the ribs and puncturing the pleura near the base of the flap, putting a short catheter down to the inner end of the puncture secured with a string; and forming thus a fistulous opening, to which the movable flap served as a valve, when the catheter was removed. 10. He is the originator of the operation for the relief of extrophy of the bladder, by the turning down of cutaneous flaps from the abdomen and groin, over the hollow raw surface of the open bladder. This operation was first done by him in January, 1868, and has since been repeatedly practised in Europe, as well as in this country, with more or less success. 11. Amputations at the hip-joint or even high up on the thigh, were formerly very fatal operations from the excessive loss of blood. Far more patients died than recovered from these operations, especially that of the hip. Dr. P. devised a plan to prevent this, by using the abdominal tourniquet with a large roller compress over the lower end of the aorta, so as to shut off all the arterial blood from the lower limbs. He found, by trial, that the patients could respire freely with this pressure, under ether, so as to give all necessary time for the operation, and carefully closing the divided vessels. The venous blood, before the aortic pressure was made, was swept back into the circulation by raising and rubbing the limbs. In June, 1860, he performed this operation at the Pennsylvania hospital on a large muscular man for a cancer of the thigh. The patient did not lose more than two or three ounces of blood, and made a very rapid recovery. In 1862, at the Jefferson medical college, he made a similar operation on a fleshy woman for a large bony tumor of the femur, extending the whole length of the shaft. The operation was here rapid and almost bloodless—she made a speedy recovery and has since borne several children. This plan of operation is now followed in all such cases in this country, and in very many instances in Europe. In fact, it must become the fixed rule. 12. There are cases of tic doloreux, involving all the branches of the second and third divisions, of the fifth pair of nerves—producing for months and years horrible suffering; and for which there is no relief but the division of the trunks of these nerves, as they come out of their foraminæ, at the base of the skull. He has devised the following plan, which he has successfully practised, in four cases. The first case was done in 1862 before the class of the Pennsylvania hospital. Three others

were done in the presence of the class of the Jefferson medical college. He raises a quadrilateral flap over the coronoid process and ramus of the jaw, the free base of which is cut through the masseter muscle. This fleshy flap is reverted over the zygoma. The coronoid process is sawed off and removed, and the temporal muscle pushed up out of sight under the zygoma; with the finger the connective tissue is broken down, and an artery or two secured. The foramen ovale is then brought fairly into view, and the trunk of the third branch, or inferior maxillary nerve, is seen coming out. It can readily be raised and cut off next the base of the skull; then the trunk of the nerve can be raised and a half inch of it cut off, including the branches that leave it. There are several small nerves that come through minute foramina on the bone around the margin of this foramen; these should be cut away. The division of the trunk of the second branch of the fifth pair of nerves or upper maxillary, and the removal of a portion of it next the skull is far more difficult. The cellular or connective tissue must be broken with the handle of a knife down to the pterygoid fissure. That brings one to the point where the nerve crosses the pterygoid fissure, to pass through the upper maxillary bone to the face. A fine blunt steel hook, of a semi-circular shape at the end, with a long shaft, is to be pushed into the bottom of the fissure, with its concavity turned upward; in a notch on the end of this hook a fine silk ligature is tied. If as the hook goes round the nerve, it comes in contact with the external rectus muscle of the eye and moves the eye-ball inwards, it is in the right place. Then carry it round the nerve till the free end of the hook appears above the nerve; draw out this fine silk ligature with the forceps, and tie a strong one to its end; and as the hook is withdrawn, the strong one will be placed round the nerve; now tie it down tightly on the nerve. It gives a handle to the nerve. Then draw it forward and pass up between the knot and the skull the urethrotome of Civiale, or a small probe-pointed straight bistoury, and cut off the nerve next the foramen rotundum which the nerve comes through. Now the inner end of the nerve is cut off; pull the nerve away from the upper maxillary bone, and shave it off with the same instrument close to that bone and bring away the piece. If the pterygoid fissure is of full size, this operation is easily done; but in a small female face this is not so easily effected. Then we must not hesitate to crush in the posterior wall of the antrum of the upper jaw-bone. The relief to be afforded, by getting at the nerve, even in this rude way, will justify the step.

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BALTIMORE, Md.,—I. A. Steward should be I. A. Stewart; H. B. Twist should be H. B. Trist.

BOSTON, Mass.,—F. H. Brown should be 273, not 278; O. W. Due should be O. W. Doe.

BRANDON, Miss.,—C. A. Rich should be C. A. Rice.

BROOMINGTON, Ill., should be BLOOMINGTON, Ill.

BROOMSBURG, Pa., should be BLOOMSBURG, Pa.

CHARLESTON, S. C.,—T. G. Simons should be 177, not 127.

CHICAGO, Ill.,—D. R. Brown should be D. R. Brower.

COLUMBIA, Tenn.,—J. M. Fowler should be J. M. Towler.

CORSICANA, Texas,—S. F. Harley should be S. F. Starley.

DANVILLE, Pa.,—W. H. Magill, 315, and S. S. Schultz, 47, belong here, not to DANVILLE, Ky.

DECATUR, Ill.,—Ira Barnes, Jr., should be Ira Norton Barnes.

DETROIT, Mich.,—H. F. Lyster should be 145, not 140.

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LEBANON, O.,—S. S. Smith should be 68, not 63.

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MORRISTOWN, N. J.,—P. C. Barker should be 386, not 586.

MUNCIE, Ind.,—G. W. H. Kemper belongs here, not to MUNCY, Pa.

NEWCASTLE, Ind.,—W. F. Boor belongs here, not to NEWCASTLE, Del.

NEW HAVEN, Conn.,—Conrad J. Sanford should be Leonard J. Sanford.

NEW YORK CITY,—H. D. Moyes should be H. D. Noyes; A. A. Smith 227, not 127.

OIL CITY, Pa.,—T. W. Egbert should be 583, not 579.

ORANGE, N. J.,—S. Wilkes should be S. Wickes.

PHILADELPHIA, Pa.,—G. B. Dunmire should be 132, not 152; C. F. A. White should be C. F. A. Wittig.

PORTLAND, Oreg.,—E. W. Nottage, 557, belongs here, not to PORTLAND, Me.

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TOLEDO, O.,—S. S. Thomas should be S. S. Thorne.

WASHINGTON, D. C.,—J. Bedle should be J. Beale; J. M. Woodward should be J. M. Woodworth.

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WHEELING, West Va.,—R. W. Haylett should be Hazlett.

YAZOO CITY, Miss.,—W. Y. Gadbury should be 153, not 155.

BIOGRAPHICAL ADDITIONS

TO THE SECOND EDITION.

N. B.—These additions are paged and indexed separately.

BRANDT, WILLIAM EUGENE, of Hanover, Ind., was born at that place June 21st, 1849. After a preliminary course at the high school, entered Hanover college, and was graduated in the class of 1868. He studied medicine in the office of Dr. Jos. G. Rogers, of Madison, Ind. Attended two full courses of lectures at the university of Louisville medical department, and was graduated in the year 1871. Located at Hanover, Ind., and at once began practice. Remained here until early in 1874, when he received an appointment as an a. a. surgeon U. S. army; served on the extreme frontier in the departments of Dakota and the Platte for three years, when he resigned, and, proceeding to New York city, took the degree of M. D., 1877, Bellevue hosp. med. coll. Since which time he has been actively engaged in the practice of his profession at Hanover. Member of Jefferson co. med. soc., and Indiana State med. soc.

BENTON, S. H., Oil City, Pa., was born in Albion, Erie co., Pa., Sept. 5th, 1845. He received his early education in the normal schools and academies of the state, and began to read medicine in the office of O. Logan, M. D., Albion, Pa., in 1866, and was graduated at the med. dep. of the univ. of Buffalo, in the class of 1869-70, and also at the Bellevue hosp. med. coll., in the class of 1878-9. Dr. Benton began the practice of medicine in Oil City, Pa., in the spring of 1870, where he still resides. He was married to Miss Sarah A. Taylor, of Brooklyn, N. Y., on the 15th day of June, 1871. He is a member of the board of curators of the Buffalo med. coll.; was president of the alumni association of the Buffalo med. coll. in 1878; is president of the Venango co. med. soc.; a member of the Penn'a State and American med. associations; a member of the board of education of Oil City high schools; surgeon of the Buffalo, Corry and Pittsburgh R. R. and the Lake Shore and Michigan Southern R. R.

BOUCHELLE, LOUIS BROWNE, of Summerville, Ga., son of John and Martha Bouchelle, of Huguenot descent, was born in Wilkes county Ga., Oct. 27th, 1829. At ten years of age he was, by the death of his father, in a great measure thrown upon his own resources for support. He acquired a thorough English and classical education, and, after leaving school, for eight years taught with great success. In 1855-6 he attended a course of medical lectures at the university of New York, and the year following graduated at the Georgia med. coll., at Augusta. In 1857-8 he again attended the university of N. Y., at the same time taking a course on dental surgery. In 1859 he was married to Miss S. S. DeLouche, of Edgefield co., S. C., and in 1861 removed to Summerville, Emanuel co., Ga., where he has since resided, devoting himself to the practice of medicine and dentistry. He is associate editor of the *Southern Med. Record*, published at Atlanta, Ga. Among articles contributed are: "Quinine and its Effects on *Enceinte* Women;" "Treatment of Puerperal Convulsions without Blood-let-

ting;" "Treatment of Diphtheria;" "Chloral in Infantine Convulsions; and "Chloral in Puerperal Convulsions, and during Labor, as an Excitant of Expulsive Pains." In 1858 he was ordained to the ministry of the M. E. Church South, and since that time he has, without any remuneration, labored also as a preacher of the Gospel.

BOUCHER, J. H., of Iowa City, Iowa, born in Columbia co., N. Y., and died Apr. 22d, 1874, in San Francisco, of cardiac disease. He received the degree of A. M. from Alleghany college, Pa., 1854, that of M. D. from Jefferson med. col., Phila., 1856. He settled for a while in Newark, N. J., and in 1859 in Iowa City. During the war he was asst. surg. 13th Iowa vols., brigade surgeon, md. director of the right wing of the army of the Tennessee, and of the 17th army corps. After the war he was prof. anat. in the Iowa State univ. He married Miss A. E. Dale, of Birmingham, N. Y.

BARTLETT, A. T., of Virden, Ills., was born in Searsmount, Waldo co., Me., December 4th, 1830. When four years of age he emigrated with his parents to Ohio. He studied medicine in the office of Dr. J. O. Hamilton, Jerseyville, Ill., and graduated from Rush medical college in the spring of 1862. Also received a diploma from St. Louis med. college in 1874. Was commissioned assistant surgeon of 3d cav. regt. Missouri State militia, April 21st, 1862, and was promoted to the rank of full surgeon, May 7th of the same year. Owing to a consolidation of regiments, was mustered out of the service Feb. 15th, and re-commissioned surgeon of the 33d regt. Mo. inft. vols.—designated as the merchants' regt. of St. Louis—April 15th, 1863. Was appointed surgeon-in-chief of the district of eastern Arkansas on the 29th of August following. Subsequently was a member of the board of operators for the 1st division, 16th army corps. Contributed specimens to the army medical museum at Washington from the battle-fields on Red river, near Nashville and Mobile, the one of most interest being No. 6599, surgical section. At the close of the war of the rebellion, located at Virden, Ill., where he has since been engaged in a general practice of medicine. He is an occasional contributor to the columns of the St. Louis *Med. and Surg. Jour.*

BOYLAND, GEORGE HALSTED.—Was born in Cin., Jan. 19th, 1845; graduated at the Andover academy in 1862; entered Yale coll. same year; graduated in medicine at Leipzig, Germany, in 1874. While a student at the university of Paris, which he entered in 1869, he accepted a position in the surgical corps of the French army at the declaration of war against Prussia in 1870, and served throughout the campaign, for which he was decorated. Is the author of "Six Months Under the Red Cross with the French Army;" also of articles to the *London Lancet* and *American Jr. M. Sciences*, on "Salicylic Acid," first introduced by him in the U. S. as obtained from carbolic acid. Experiments made by him at the Wagner chemico-physiological laboratory (Leipzig) are given in his inaugural thesis presented to that faculty. Received the honorary degree of A. M. from Lafayette coll., 1875. Is a contributor to different medical and scientific journals, and a practitioner at Baltimore, Maryland.

BUNKER, EDWARD SEAMAN, Brooklyn, N. Y. Born at Jerusalem, L. I., 1840; graduated at Brooklyn collegiate and polytechnic institute in 1857, and taught Latin and Greek in that institution for several years. Graduated valedictorian, at Bellevue in 1871, and settled in general practice in Brooklyn. Appointed physician to the central dispensary in 1871; clinical assistant to the professor of gynæcology in Long Island college hospital, in 1872; lecturer on midwifery. In 1872, entered Long Island college hospital as clinical assistant to the chair of gynæcology; was appointed lecturer on midwifery in 1873; professor of obstetrics in 1875, and professor of histology and general pathology in 1879, which latter position he now holds. He is also surgeon to St. Mary's hospital for women, and consulting physician to the sheltering-arms nursery. In 1876, he spent six months in Berlin studying pathology under Virchow. Author of publications on "Earth-dressings in Smallpox," "Perineorrhaphy," "Veratrum Viride in Puerperal Eclampsia," etc. Married Alice Loines, in 1860.

BARTLETT, WALTER RUSSELL, of New Haven, Conn., was born in North Guilford, Conn., Feb. 4th, 1848. He

received his medical instruction at the medical institution of Yale college, having previously received an excellent general education. After graduation in Jan., 1871, he commenced practice in New Haven, where he still resides and conducts a successful practice; his specialties being surgery and diseases of the eye. He is a member of the Conn. med. society; of the New Haven co. med. society, and of the New Haven med. association, in all of which he has held various offices of a literary or executive character. His contributions to medical and sanitary science are numerous, comprising papers read before the above societies, and published articles. Those which have appeared in print are as follows, in their order of publication, the first three in the N. Y. *Med. Journal*, the last three in the *Sanitarian:* "The Medicine of Theory and the Medicine of Nature;" "The Causes and Prevention of Disease;" "The Relation of Surgical Tendencies to Surgical Advances;" "The Causes of Disease in Country Homes;" "The Hygiene of the Individual as Related to that of the Nation;" "The Science of Medical Thought Among the People." All have been favorably received, while that upon "The Causes of Disease in Country Homes" was widely noticed and extracted from, by the press of the United States, in several instances being re-published entire; while in England it was re-published complete in *Public Health*, and was commented upon as being quite as applicable to the needs of Great Britain as America. The immediate effect of this paper was to stimulate the public mind, to a large degree, to the great importance of domiciliary and personal hygiene throughout the country. Besides the above, Dr. Bartlett has also contributed several reports of a practical character to the proceedings of the Conn. med. society, which have appeared in that organ.

BROWNE, BERNARD B., of Baltimore, Md., was born June 16th, 1842, at Wheatlands, Queen Anne county, Maryland. He received his collegiate education at Loyola college, Baltimore, and afterwards commenced the study of medicine and surgery with the late Prof. Nathan R. Smith, and took his degree as doctor of medicine from the univ. of Maryland in 1867. He then spent some time at Bay View asylum, and turned his attention chiefly to the study of surgical diseases of women and obstetrics. He is a member of the medical and chirurgical faculty of Maryland; secretary of the Baltimore acad. of med., and member of the clin. soc. of Baltimore. Of his contributions to medical literature the following have been published: "A paper on Fibroid Tumors of the Uterus," in the Am. *Jour. of Obstetrics*, Jan., 1877; "A paper on Sub-involution of the Uterus," in the Richmond and Louisville *Med. Jour.*, June, 1877; "Diseases of the Bladder and Rectum, caused by Displacements of the Uterus," trans. of the med. and chir. faculty of Maryland, 1877; "The Viburnum Prunifolium as a Uterine Sedative," in the Maryland *Med. Jour.*, Feb., 1878; "A Case of Latent Gonorrhœa, Causing Contraction of the Right Broad Ligament and Right Latero-version of the Uterus, with Breech Presentations in two Successive Parturitions," in the Maryland *Med. Jour.*, Dec., 1878; "On Partial Retention of the Placenta after Labor," in the Maryland *Med. Jour.*, March, 1879, &c. He is the attending physician at the Baltimore special dispensary for the department of diseases of women and children. He married on Oct. 15th, 1872, Miss Jenny Nicholson, daughter of I. I. Nicholson, banker, of Baltimore.

BURD, EDWIN, of Lisbon, Iowa; born in N. J., Sept. 9th, 1846; graduated at medical dept. university of Pennsylvania, in 1871; came to Iowa 15th April, 1871; married, at Anamosa, Miss Mary H. Bacher, Apr. 20th, 1871; settled at Lisbon, Iowa, May 1st, 1871; member of the Iowa union and Iowa State medical societies; assistant surgeon 1st regt. I. N. G. Contributed to *Phila. Medical and Surgical Reporter*, vol. xxx., page 178, an article on "Self-Reducing Hip-Joint Dislocation;" same volume, page 357, "Biliary Concretions Dissolved," which was quite extensively copied or referred to both in this country and Europe.

BISSELL, EVELYN L., of New Haven, Conn., was born in Milton parish, Litchfield, Conn., September 10th, 1836. His father, Major Lyman Bissell, who is now living, was an officer of the army, and served with credit during the war with Mexico, and afterward during the war of the rebellion. Young Bissell's early education was at Russell's school in New Haven. In 1860 he graduated from the med. dep't, Yale coll. He was appointed surgeon to one of the Black Star line of steamers to Liverpool; subsequently surgeon of the 5th Conn. vols., 1862, and remained till

July 19th, 1865, when he was honorably mustered out of service. Doctor Bissell had hardly joined his regiment when he was taken prisoner of war, May 25th, 1862, at the battle of Winchester, during the retreat of General Banks from the Shenandoah valley. He was released on parole, and was one of the seven United States surgeons, then in captivity, who signed the famous cartel between the two governments, unconditionally releasing medical officers taken prisoners. On the 9th of August, 1862, he had the misfortune to be again taken prisoner at the battle of Cedar Mountain. He was sent to Richmond, and suffered confinement in Libby prison for eight months, his release being effected, man for man. At the battle of Chancellorsville he once more fell into the hands of the enemy while attending to his duties, but during some confusion among the southern soldiers, succeeded in escaping to the government lines in company with others and in time to render good service among the sick and wounded. In a report to the general, dated near Stafford courthouse, Va., May 21st, 1863, detailing the particulars of the engagement of the 5th regiment on the 3d of May, occurs the following: "During the entire engagement, the attention of all was particularly attracted by the daring displayed by Dr. E. L. Bissell, assistant surgeon, who in his efforts to see and attend to the wants of all the wounded of the regiment frequently exposed himself to the most imminent peril." After being mustered out he was commissioned surgeon 2d regiment Connecticut national guard, July 9th, 1868; discharged August 5th, 1871; again commissioned as surgeon of the 2d regiment C. N. G., August 9th, 1871; resigned and discharged July 17th, 1872; again appointed surgeon of the 2d regiment C. N. G. Feb. 28th, 1876, which position he now holds. From January, 1869, continuously to January of the second following year, Doctor Bissell served as registrar of vital statistics, and later as member of the board of health of New Haven. In Nov., 1873, Doctor Bissell, upon earnest solicitation, took charge of the San Mateo hospital, under the following circumstances: Letters had come to him from Peru, South America, asking him to assume charge of the health interests of all the people then engaged in carrying on extensive public works in that country, and he accepted the liberal offers which were made for his services. Resuming the practice of medicine at his old home in 1875, Dr. Bissell has ever since had an active though uneventful life.

CREVELING, J. P. Born at Bethlehem, N. J., 1848; graduated in medicine at Michigan university 1870; contributed to *N. Y. Med. Record* and *N. Y. Med. and Surg. Brief*, on "Puncturing Mastoid Cells," *N. Y. Med. Record*, on "Deviation in Development of Vocal Cords, and Abcess of Heart, &c." "Laparotomy for Intestinal Obstruction"—read before N. Y. State med. soc.

CHANDLER, CHARLES, of Chandlerville, Ills., was born in Woodstock, Conn., July 2d, 1806, and died April 7th, 1879, near his 73d birthday. He pursued his academic education in Woodstock, Conn., and his medical degree was obtained in 1827. He came to Beardstown, Illinois, in 1832, and began practice. The early employment of quinine in the treatment of malarial fevers speedily gained for him a great reputation, and he maintained an extensive practice, riding several horses each day for many years. The valley of the Sangamon river captivated him, and he made his final residence upon the prairies facing the conical sand hills. Nearly 30 years before his death his physical labor broke him down—perhaps with the help of incessant smoking—and his active medical career ended. Great physical endurance, mental energy and perseverance, quick insight and large comprehension characterized his life.

DAVIES, JAMES, of Lincoln Centre (and Winn), Maine, is a native of Cardiganshire, South Wales; was educated at various colleges in Great Britain and America; appointed Rt. Ven'nd Arch Druid Vicarial of the Western Hemisphere in 1874; is editor of the *Hesperian Bard*, a journal of Druidic literature. Medicine is a branch of the third or Emerald division of Druidism.

DOUGLASS, W. A., of San Francisco, was born in Jefferson co., Va., Jan'y, 1825, his father being Judge J. R. Douglass of the same State. His first course of lectures he attended at the medical dep't of the university of Maryland. The second in Washington, D. C., at national medical college, where he graduated. In March, 1854, he came to Cal. The year following went to China, where he remained about two years. Returning to

San Francisco he resumed the practice of his profession. In 1870 was appointed by Gov. Haight quarantine officer for the port of San Francisco; the same year was appointed on the medical and surgical staff of the city and co. (hospital of San Francisco), where he has remained since, holding the position of surgeon (visiting). He is a member of the San Francisco board of health; also visiting surgeon to St. Luke's (Episcopal) hospital; one of the visiting surgeons to the city and co. hospital; visiting surgeon to St. Luke's hospital; clinical profes. of surgery to the medical college of the Pacific.

DAVIS, GEORGE W., of Chico, Cal., graduated from the Missouri medical college in the spring of 1870. He was born near St. Joseph, Buchanan county, Missouri, in the year 1844, in which county he lived, until soon after graduating he moved to California, where he has since been practicing, principally in the counties of Yolo and Butte—the last five years in Chico, Butte co. He is an active member of the medical society of the State of California. Also a member and president of the northern district medical society of California. He has contributed and read papers before the State medical society, viz., one on "Mental Influences" and one on "Functional Nervous Troubles, with Cases"—as they occur in the upper Sacramento valley. He has contributed papers of interest at the meetings of northern district medical society, as follows: on "Neuroses;" on "Puerperal Eclampsia;" and one—"Does Gonorrhea Originate from Other than a Specific Contagion?"

DUHAMEL, W. I. C., of Washington, D. C., was educated at St. Mary's college, Md., and received the degree of A. M. He graduated in medicine from the Maryland university of medicine in 1849, and practiced medicine in partnership with Dr. Bayne, near Washington, D. C., for several years. In 1852 was appointed adjunct professor to the chair of surgery in the Georgetown medical college. He wrote several valuable articles on the use of chloroform, and other medical subjects, which were published in the *Stethoscope*, of Virginia, and the *New Jersey Medical Journal*. Also wrote a treatise on the "National Hotel Disease," which occurred in 1857, and was re-published very extensively, at the time, throughout the United States. In 1859 he was elected chairman of the committee of health of the corporation of Washington, D. C. In 1853, and repeatedly afterwards, he was delegate to the Am. med. assoc. Dr. DuHamel was physician to the president of the U. S. in 1859, and was continued in that capacity, during the terms of three presidents, to the employés of the presidential mansion. Also was principal physician to the U. S. prisons, D. C., for the period of ten years. Was chairman of the committee on sanitary matters in the national medical association of 1864. Is a member of the medical association, D. C.; also, of the medical and chirurgical faculty of Maryland.

FOSTER, EUGENE, son of John and J. E. M. Foster; born April 7th, 1850; graduated M. D. from medical college of Georgia in March, 1872. The remainder of 1872 he spent in New York, in attendance upon the clinics of the different colleges of that city. Returning to Augusta, he began an active practice of his profession, giving especial attention to the diseases of the genito-urinary system and to contagious and infectious diseases; has been physician in charge city small-pox hospital and Richmond county small-pox hospital; has been health officer of Augusta; has been clinical assistant, and assistant demonstrator of anatomy in med. dep't university of Georgia; he is a member of the Georgia medical association. Among his contributions to medical journals are papers on "The Most Effectual Means of Preventing Small-pox, including specially Vaccination, Re-vaccination, Isolation and Disinfection;" "The Treatment of Constitutional Syphilis;" "The Worthlessness of Carbolic Acid as a Local Anæsthetic in Surgical Operations." He has been active in all sanitary measures for the good of his city. Through his exertions the board of health of Augusta was re-organized in 1877. He is an ardent advocate of the temperance cause, and as chairman of a committee from the Georgia medical association, appeared before the Georgia legislature asking the establishment of an inebriate asylum in his State. On the 9th of December, 1875, he was married to Mary Ellen Johnson, of Lexington, Georgia.

FOX, GEO. HENRY, of N. Y. city, was born in Ballston Spa, N. Y., October 8th, 1846. Graduated at the univ. of Rochester in 1867, and at med. dep't univ. of Penna. in 1869; served as resident physician at the Philadelphia hospital, and devoted three years to medi-

cal study in Europe before beginning practice in New York city in 1874. At present, he is surgeon to the New York dispensary; clinical prof. of dermatology, at Starling med. college, Columbus, Ohio; author of "Photographic Illustrations of Skin Diseases."

GARRIGUES, HENRY JACQUES, was born in Copenhagen (Denmark) June 6th, 1831. On the side of both of his parents he descends from French forefathers, with an admixture of German and Dutch blood. He graduated as A. B. in 1850, and began immediately to study medicine. Forced by disease to give up studying, he traveled for several years in Europe, and spent almost a year in New York. Having returned to his native place, he graduated at the university of Copenhagen in 1869, and soon gathered a good practice, especially as gynecologist. Being married to a German lady (since 1868,) he felt disgusted at the national hatred which the Danes bear to the Germans, and wishing to give his children the benefits of a larger country, he came to the United States in 1875. He practiced four years in Brooklyn, N. Y.; he moved to New York city in 1879. He was elected member of King's county society, 1875; American gynecological society, 1877; New York obstetrical society, 1877; Brooklyn pathological society, 1878; New York academy of medicine, 1879. His original publications in English are: "Hydatids in the Liver Treated by Cauterization," (Brooklyn proceedings, 1876); "How Long Ought Women to Stay in Bed after Delivery?" (*Ibidem*, 1877); "On Lying-in Institutions, Especially those in New York, (Gynecological transactions, 1877); "Transfusion Apparatus," (*Amer. Journ. of Obst.*, 1878); "Asphyxia in New-born Children Considered from a Medical and a Legal Standpoint," (*Ibid.*); "On Gastroëlytrotomy," (Appleton, New York, and New York *Medical Journal*, 1878.)

GREWER, EDWARD, was born in Philadelphia, December 11th, 1847, and at the age of eleven years he moved to Smyrna, Kent co., Delaware. At the commencement of the war he was enrolled upon one of the United States naval school ships. At Mobile he was taken with ship fever, and sent home. In 1862 he enlisted as a drummer in the army, from where he was again discharged nine months later. Subsequently he served an apprenticeship of three years at printing, during which time he studied medicine at night. He was a private student of Dr. Harrison Allen, professor of physiology in the university of Pennsylvania, and attended five winters at the university, working at the printing business in the summer as his only way of procuring means to defray his expenses at the college in the winter. He graduated in 1874. At present he is practising medicine at Maple Grove, Monroe co., Pa.

HERRICK, STEPHEN SOLON, New Orleans, La., was born Dec. 11th, 1833, at West Randolph, Vt., being descended, on the paternal side, from one of the early settlers of Massachusetts. He graduated at Dartmouth college in 1854, and from the medical department of univ. of La. in 1861, in the early part of which last year he commenced practice at N. Orleans; but, the war breaking out, he left in June, returning in May, 1865, having served meanwhile in the medical department of the army and navy of the confederacy. Since the latter date he has continued to practice in N. Orleans. He is a member of the N. Orleans medical and surgical association, of which he was president in 1875; of the Orleans parish medical society, of which he was 1st vice-pres't and acting pres't in 1878, and is now pres't (1879); of the La. State med. society, of which he is corresponding sec'y from its organization in 1878; of the American public health asso'n; was delegate to the American med. asso'n in 1869. He was a member of the board of health of Louisiana in 1869 and 1870; has been sanitary inspector in its service at different times since, and in Apr., 1879, was chosen its secretary and treasurer. He was professor of chemistry in the N. Orleans school of medicine, 1869–70; professor of physics and chemistry in the agricultural and mechanical college of La., 1876–77; inspector of coal-oils, 1877–79. He was managing editor of the *N. Orleans Med. and Surg. Journal*, 1866–67, and subsequently associate editor of the *N. Orleans Journal of Medicine*. Since 1878 he has been one of the editors and proprietors of the *N. Orleans Med. and Surg. Journal*. His contributions to medical literature may be found in the journals of Philadelphia, N. York, Louisville and N. Orleans, and largely in the bibliography of the *N. O. Med. and Surg. Jour.* To these may be added a prize essay on "Quinine" in transactions of the Am. med. asso'n,

1869, and an article on "Inland Quarantine," in *Hygiene and Public Health*, by Buck, 1879. In 1867 he married Julia Cowand, of N. Orleans, and has five children.

HARRIMAN, OSCAR BYRON, born at Warner, N. H., 1836; graduated at Dartmouth med. coll. 1860, and since at others; been superintendent of schools; several years county physician and coroner; president of Franklin co., Iowa, medical association; presidential elector on Tilden and Hendricks ticket 1876; elected mayor of Hampton 1877–78–79; author of "Some Diseases of the West Fork and Shell Rock Valleys;" "Twenty Years in the West," or "Skeleton Sketches of Pioneer Physicians and Prairie Practice."

LEAVITT, THADDEUS LAURISTON, son of Hart. Adgate and Agnes (Whitesides) Leavitt, was born Sept. 20th, 1840, at Alleghany City, Penna., the family removing to Philadelphia in 1844. He received a classical education at the Protestant Episcopal and Germantown academies, beginning the study of medicine in 1860. During the late war of the rebellion he entered the medical department of the army, as acting medical cadet, and was stationed at Cuyler U. S. A. hosp. from its formation until the spring of 1864, when he was ordered to Washington, D. C., where he served as acting assistant surgeon in Lincoln hospital, and in the fall was transferred to Cuyler hospital, Germantown, where he remained until the close of the war, graduating from the university of Penna. in the spring of 1865. Entering practice in Germantown, he was elected physician in charge of the Germantown dispensary, a new benefaction, and remained in that position until 1877, when he resigned. He was elected physician to the Germantown almshouse in 1867, to which position he has been annually re-elected, and holds that office at the present time. When the G. hospital was organized in 1870 he was elected one of the attending physicians, and continued to serve until 1879, when he resigned. His only contributions to medical literature have been through the media of the journals. He is a fellow of the college of physicians of Philadelphia, being elected in 1868.

LESPINASSE, A. F. HENRI De, born May 14th, 1819, in Delft, Holland; went, after a thorough education, which included the knowledge of the Dutch, German, English, French and classic languages, to the renowned university of Utrecht, where, after an obligatory course of six years, he got his diplomas of med. et art. obst. doctor in 1842. He is the author of a pocket-pharmacopœia, a manual of obstetrics, a treatise: *de novis rasis pseudo-membranorum*. He received the medal of civil merit from the king of the Netherlands for his exertions during the epidemic of Asiatic cholera in 1865. He was also noted as a dramatic and lyric poet. Political and domestic difficulties drove him ten years ago to the U. States, where he practices medicine among his countrymen in the Holland colony, at Orange city, Sioux co., Iowa.

LEEDOM, E C., of Plymouth, Pa., is descended from a family of English Quakers on the paternal, and of Hollanders on the maternal side. His father, Dr. Joseph Leedom, was the son of Richard Leedom, of Bucks co., Pa. His mother, Elenor Leedom, was the daughter of Peter Conover, (Covenhoven, in the language of Holland,) of Monmouth county, New Jersey. He was born on the 20th of December, A. D. 1805, in Plymouth township, Montgomery co., Pa. After an attendance at several primary schools, he received a classical education; graduated in medicine at the university of Pennsylvania, in March, 1833. He has been a contributor to the journals for a number of years, and has published two papers in Silliman's *American Journal of Science and Art*, entitled, "An Astronomical Machine—The Tellurium," "Experiments and Observations on the Solar Rays." In the American *Journal of the Medical Sciences*, two papers: "The Structure of the Eye Examined in Connection with the Undulatory Theory of Light," "Night Blindness Successfully Treated." He resides in the same spot where he was born, and practices in the same section of country in which his father practiced his profession during a period of forty years. He is a member of the medical society of Montgomery county, and has been its president. In 1848, he married Susan, a daughter of Peter Lukens, of the same neighborhood, and a member of the society of Friends. They have five sons, one of whom, Dr. Oscar Leedom, who graduated at the university of Pennsylvania in March, 1872, is at this time practicing medicine with him.

LEGARÉ, THOS., Charleston, S. C., was born on Edisto Island, in the county of Charleston, So. Ca., on the 15th day of February, 1852, and graduated in the medical college of the State of South Carolina, in 1873. He was elected resident physician to the Roper and city hospitals of Charleston, So. Ca., where he remained for three years. Beginning the practice of medicine in the town of Orangeburg, So. Ca., he was elected surgeon to the county jail. On the 15th of February, 1877, he was married to the daughter of Thos. H. Zimmerman, Esq., of Orangeburg county. He removed subsequently to the city of Charleston, where he has continued the practice of his profession. Dr. Legaré is a relative of Hugh S. Legaré, who was attorney-general of the United States, and minister to Belgium. He is a member of the South Carolina medical association, and of the medical society of So. Ca. He has written several articles, the last of which was a "brochure" upon land quarantine, endorsing the same.

MERCER, ALFRED, of Syracuse, N. Y. —professor of minor and clinical surgery in the medical department of the Syracuse university—was born at High Holden, Kent, England, on the 14th of Nov. 1820. His father, William Mercer, a farmer, and his mother, whose maiden name was Mary Dobell, were both natives of England. His parents emigrated to America in 1832, but, not being pleased with the country for themselves, returned to England the following spring, leaving their youngest son, Alfred, in America, in care of an older brother, who had already been a resident of the U. S. for several years. After spending about two years in the Genesee Wesleyan seminary, he entered the office of Dr. John F. Whitbeck, in the village of Lima, Liv. co., N. Y., and graduated from Geneva medical college in 1845. In 1846 he visited his parents in England, and devoted a few months to medical observation in the hospitals of London and Paris. On his return to America in 1847, he opened an office in Milwaukee, Wis., but was induced to return to western New York the following year, where he practiced in Monroe and Livingston counties till his settlement in Syracuse in 1853. On the removal of the Geneva medical college to Syracuse, he was invited to a place in the faculty, and accepted the chair of minor and clinical surgery, which position he still holds. While in Europe in 1846, he wrote professional letters for the *Buffalo Medical Journal*. In 1859 he contributed an article to the same journal on "Partial Dislocations; Consecutive and Muscular Affections of the Shoulder-Joint," and still later in the same journal, in 1873, appeared an article on the "Relations of Scientific Medicine to Special and Specific Modes of Medication." An abstract of an address on "Medical Education" was published in the *Boston Medical and Surgical Journal*, March, 1879. He has held the position of health officer for the city of Syracuse for several years. He married Delia, the eldest daughter of Aaron Lamphier, esq., of Lima, Liv. co., N. Y., 1848.

MEANS, A., of Oxford, Ga., was born in Slatesville, Iredell co., N. Carolina. At the age of eighteen, he was thrown entirely upon his own resources, and removed to the village of Mocksville, N. C., where he took charge of a school and taught for twelve months. About the beginning of the year 1822, he emigrated to Georgia, and three years later began the study of medicine with Drs. R. H. Randolph and J. Walker. While prosecuting his medical studies, he determined formally to unite his destinies with those of the Methodist Episcopal church, (then a united organization, north and south,) which he did Apr. 24th, 1825. Afterwards, Aug. 2d, 1828, he received his first ministerial credentials, and assumed the responsibilities of the pulpit. He attended medical lectures at the Ky. university at Lexington, and established himself at Covington, Ga. In 1834, he retired from practice to become superintendent of the Georgia conference manual labor school of Covington. In 1837, he occupied the chair of physical science in Emory college. From 1840 to 1859, he filled the chair of chemistry and pharmacy in the medical college of Georgia, at Augusta. In 1861, failing health led him to take a tour in Europe. After his return, he became president of Emory college, and professor of general and medical chemistry in the Atlanta medical college, which he occupied for twelve years. He has made many contributions to periodical literature, among them a treatise upon "Electro-physiology," written in November, 1847, and so far as known to the author, the first embodiment of medical and scientific views upon this department ever presented before a class in any college of the U. States. In this, attention is specially called to the invisible, but powerful vital force of electricity, as the "primum

mobile" of the circulation in the proper capillary tubes which form the anastomosing net-work between the veins and arteries; as the author believes, that from the minuteness of their calibre, the ordinary density of the blood, and the tortuous and angular microscopic canals of which their meshes are formed, it is impossible to account, by any other hypothesis thus far received, for the constant, rapid and forcible movement of that fluid in those remote quarters. This lecture, soon after its delivery, was published by the class in pamphlet form, and then in the *Southern Medical and Surgical Journal*, of Augusta. It was subsequently re-published again, in two numbers, in the Atlanta *Medical and Surgical Journal*, commencing in the Dec. No., 1877, and closing in the Jan. No., 1878; an article upon "The Di-chloride of Mercury, or Mercurious Chloride," (calomel); an essay on "Alcohol," published in the *South. Med. and Surg. Journal*, Augusta; a contribution upon "The *Modus Operandi* of the Poison of Venomous Serpents," *South. Med. and Surg. Jour.;* an article on "Hygiene," *Scott's Magazine*, Atlanta, Ga. Dr. M. has been a member of the medical association of the State of Georgia, almost from its very incipiency, and was at one time president of that body. The Wesleyan university at Middletown, Connecticut, and the medical college of Georgia, and Emory college, at Oxford, have been liberal in conferring upon him, severally, the honorary degrees represented by the initials, A. M.; M. D., D. D., LL. D. He is also a member of the American chemical society, of N. York, and was elected to a fellowship in the American association for the advancement of science, at its session in Nashville, Tenn., 1877, and of which he has been a member for 22 years.

McNUTT, W. F., San Francisco, Cal., is a graduate of the university of Vermont, 1862; graduate of the royal col. physicians, Scotland, 1865, and royal col. surgeons, Edinburg, Scotland, 1865; U. S. navy, 1863-64—Mississippi squadron. He passed a successful competitive examination for the British army, in London, August, 1865; edited the *California Medical Gazette*, with Dr. Bennett, 1869–70; elected by the regents to the professorship of the principles and practice of medicine in the medical department of the university of California, 1879, which position he now holds.

PLUMMER, SAMUEL C., of Rock Island, Ills., was born at Salem + Roads, Westmoreland co., Pa., on the 10th of April, 1821. At the age of nine years, with his father's family, he removed to Greenville, Mercer co., Pa. After receiving a common school education, he studied the higher branches in the Greenville academy and at the western reserve college at Hudson, Ohio. Commenced the study of medicine under Dr. H. De La Cossitt, at Greenville, Pa., in 1839; was under his tuition for over three years. Was a member of the first class of the Cleveland, Ohio, medical college, and graduated from that college. In 1848 he removed to Rock Island, Illinois (then a small village), where he has since resided, engaged in the active and laborious duties of the practice of his profession, and has lived to see the village grow into a beautiful city, with railroads radiating from it to all points of the compass, large and diversified manufactories, fine hotels and business houses, palatial residences, with beautiful and well-kept grounds. When the call was made for troops to suppress the rebellion, he entered the service of the State of Illinois on the 16th of April, 1861, and on the 24th of May, 1861, was mustered into the United States service as surgeon of the 13th regiment Illinois volunteer infantry, with which regiment he served for over three years. Being the ranking volunteer surgeon, he filled the position of surgeon-in-chief, or medical director, in the divisions and corps with which he served. He is a member of the American medical association; the Illinois State medical society; an honorary member of the Iowa State medical society, and a member of the Iowa and Illinois central district medical society; also a member of the society of the army of the Tennessee.

PATTEE, ASA F., Boston, Mass., was born in Warner, New Hampshire, on March 5th, 1835. He is the sixth son of Asa Pattee, an intelligent and well-to-do farmer. One brother—Dr. Luther Pattee—is also a physician. He belongs to one of the old families of New England. Among his predecessors on the Pattee side were several noted physicians: his grandfather and also his grandfather's brother. Peter Pattee, the head of the family, came from England, and settled in Haverhill, Mass., in 1670. He was the son of Sir William Pattee—or "Petty," as it was then

spelled—physician to Oliver Cromwell and King Charles the Second. Although brought up on a farm, Asa F. Pattee showed from his childhood a taste for anatomical and chemical pursuits, and performed dissections on sheep and other lower animals when a youth, long before he began to study medicine. In the autumn of '54 he entered Dartmouth medical school, and the following year became private pupil of the late Prof. E. R. Peaslee, and in 1857 received the degree of doctor of medicine from Dartmouth college. His limited means compelled him to teach, the following year, and he remained in Warner up to '59, when he began the practice of medicine in Amesbury, Mass. His spare time was devoted to the study of botany and *materia medica*. In 1859 he published a paper on the "Therapeutic Properties of Veratrum Viride," and "Atropia in Incontinence of Urine," and "Atropia in Wounds of the Eye." In 1860, "Physiological and Therapeutical Properties of Gelsemium Sempervirens." In 1864, a translation from the German on "Trichina Spiralis." In '67, "Chemical Laboratory of Plants," "Cactus Grandiflorus," &c., &c. His articles in all comprising over two hundred. In 1860 he joined the Mass. medical society. In the autumn of '64 he entered the army as acting assistant surgeon. Returned to Amesbury in '65, but remained only until the following year, when he came to Boston for a permanent residence. Here he soon acquired a lucrative practice. In '67 he was called to the chair of *materia medica* and chemistry in the New England female medical college; but his increasing duties compelled him to resign after having served one year.

O'NEAL, WALTER H., Gettysburg, Pa., son of J. W. C. O'Neal, M. D., was born in Baltimore, September 22d, 1849. Educated in the public schools and at Pennsylvania college, Gettysburg, Pa. Read medicine under the direction of his father, and received his medical degrees from the university of Maryland, in 1870. From 1871 to '78, he practiced his profession in Gettysburg, at the same time serving the county of Adams in the capacity of physician and surgeon at the almshouse. He has contributed fugitive articles to the medical press, held membership with the county medical society, and worked in accordance with the requirements of the State and national professional organizations. He is now serving in the ranks of the profession in the coal regions of Pa., at Parsons, Luzerne co., Pa. On the 23d of April, 1878, he was married to Martha A., daughter of Col. Alexander Hay, of Philadelphia.

PILCHER, LEWIS S., Brooklyn, N. Y., was born in Adrian, Mich., 1845. Graduated in arts at the univ. of Mich., in 1862. Graduated in medicine in the med. dept. of the univ. of Mich., in 1866. He pursued his studies in New York city during the following year, and received an appointment as assistant surgeon in the U. S. navy in 1867. After five years of service in the navy, and after having been promoted to passed asst. surgeon, resigned and began private practice in the city of Brooklyn, N. Y., in 1872; was appointed lecturer on anatomy in the Long Island college hospital, in 1872; adjunct surgeon to the same in 1873, and assistant professor of anatomy in the same, in 1879. In 1876, was appointed visiting physician to the Brooklyn orphan asylum, and in 1878 consulting surgeon to the Bushwick and East Brooklyn dispensary; member of the medical society of the county of Kings; of the Brooklyn pathological society, and of the Brooklyn anatomical and surgical club. His most important contributions to medical literature are:

1871.—"Cases of Apoplexy, with Remarks." *Mich. Univ. Med. Jour.*, Oct., 1871; 8mo., 18 pp.

1872.—"Vaccination and Re-vaccination." *Mich. Univ. Med. Jour.*, July, 1872; 8mo., 14 pp.

1872.—"Yellow Fever on the U. S. S. Saratoga in 1869." Med. essays, U. S. navy dept., vol. I., 1872; 8mo., 15 pp.

1872.—"Small-Pox in the U. S. Navy: Causes of Prevalence, and Means of Prevention." Sanitary and med. rep'ts U. S. navy dept., vol. III., 1875; 8mo., 44 pp.

1876.—"Epidemic of Measles." Proc. Kings co. med. soc., July, 1876; 8mo., 5 pp.

1877.—"Croup and Tracheotomy in the City of Brooklyn, N. Y." Proc. Kings co. med. soc., May, 1877; 8mo., 29 pp.

1877.—"Sprains of the Wrist-Joint." Proc. Kings co. med. soc., Dec., 1877; 8mo., 14 pp.

1878.—"Fractures Involving the Wrist-Joint." Proc. Kings co. med. soc., Feb., 1878; 8mo., 18 pp.

1879.—"Surgical Operations on the Kidneys." Proc. Kings co. med. soc., June, 1879; 8mo, 10 pp.

PICKETT, MANHATTAN, was born in the town of Charlotte, Chautauqua county, N. Y., August 15th, 1841. When he was six years of age his father and mother died. Through the kindness of friends he received a common school education, and in 1861 he enlisted in the 112th reg't of N. Y. vol., and served about two years, when he was honorably discharged on account of a severe wound which he received at Cold Harbor, Va. On leaving the army he was appointed as an "interne" at the hospital of the sisters of charity, in Buffalo, N. Y., where he remained four years pursuing his medical studies. In 1869 he graduated at the Buffalo medical college, and located at Columbus, Warren co., Pa. In 1873, he removed to Corry, Pa., where he is now located.

PAGE, FRANK W., Somerville, Mass., was born in East Wilton, N. H., Aug. 24th, 1843. Removed at an early age to Burlington, Vt., where he received his academical, and the greater part of his medical, education, graduating at the univ. of Vt. in 1864, from which he received the degrees of A. B. and A. M. His medical studies were pursued in N. Y. and at the med. dep't of the univ. of Vt., from which institution he received the degree of M. D. in 1866. He spent nearly 12 years in private practice in Brandon, Vt., and became 1st asst. phys. in McLean asylum, May 1st, 1878. Received appointment of supt. *pro tem.* June 1st, 1879, and supt. of the Adams nervine asylum, to take effect Dec. 1st next. He is the author of articles on educational and political topics, and contributed to several medical journals, and also a paper on "Thoracentesis," to be found in the trans. of the Vt. med. soc. for 1878.

RAWSON, CHARLES H., Des Moines, Iowa, was born in Craftsbury, Vt., July 16th, 1829. He studied medicine in the office of Dr. A. P. Barber, of Johnstown, Vt., and attended two courses of lectures in the Woodstock (Vt.) med. college, after which he practiced two years with Dr. J. Barber, of Clarenceville, Can. In 1850 he attended a course of lectures at the college of physicians and surgeons, N. Y., graduating in the spring of 1851. He was appointed house surgeon of Bellevue hospital in 1851, and the following year to the surgeoncy of the steamship S. S. Lewis, running between Nicaragua and San Francisco. In 1854 he located in San Francisco, where he received the appointment of visiting physician to the city hospital, and in 1856 he located at Des Moines, Iowa. In 1861 he was appointed surgeon to the 5th Iowa inft., and afterwards as brigade surgeon in the army of the Mississippi, where he served also as acting medical director; also as acting medical inspector, in which capacity he established the first military hospitals from Corinth, Miss., to Columbus, Ky. Resigning his position in 1863, he returned to private practice. He has been examining surgeon for pensions since 1866. He is a member of the Iowa State medical society; also of the Am. med. association, both of which he has served in official positions, and to the meetings of which he has contributed by various reports. He was married Nov. 17th, 1863, to Miss Mary E. Blake, of Swanton, Vermont.

ROSSE, IRVING C., Washington, D. C., was born October 20th, 1841, at East New Market, Dorchester co., Maryland; decended from a church-of-England clergyman, the Rev. John Rosse, rector of Allhallows. After a common school education, spent three years at St. John's college, Annapolis; was a cadet at West Point 1863-64; graduated in medicine at the university of Maryland 1866; studied subsequently in Philadelphia, Edinburgh, London, Berlin and Paris; served for six years in the army, part of which time was quarantine officer at Savannah, Ga., during the prevalence of cholera at Tybee Island and at Brazos Santiago, Texas. Serving at various posts, including the artillery school at Fort Monroe, Va., was detailed for duty at the surgeon-general's office, 1870-74, in connection with the preparation of the medical and surgical history of the war of the rebellion; also prepared a subject index of the surgeon-general's library. Was medical examiner to the pension office two years subsequently, having been appointed after a competitive medical examination; employed by the revenue marine bureau as surgeon 1877-78; appointed surgeon to the national asylum for disabled soldiers at Milwaukee, Wisconsin, Dec., 1878. Has made numerous voyages in the Gulf of Mexico and in the Atlantic, to the Azores and Bermuda islands, &c. Wrote the articles on "Quarantine" and on "Zymosis" for Appleton's cyclopedia. Contributed minor pieces to various medical journals. Has devoted considerable attention to physical culture and to state medicine.

RADCLIFFE, SAMUEL J., was born in Washington, D. C., February 2d, 1829. Was educated at McLeod's academy, collegiate academy at Rockville, Md., by private classical tuition, and at university of Georgetown. He began the study of medicine in 1848, first with Dr. J. B. Edelin, and afterwards, in 1850, regularly with his preceptor, Dr. Flodoardo Howard, prof. of obst. and dis. of wom. and ch. in the univ. of Georgetown, and graduated in medicine at the medical department univ. of G. T. in 1852, from which institution he also received the degree of M. A. He entered on the practice of medicine in his native city, and in 1854 was appointed one of the physicians to the out-door poor of the city, and continued such two years. He moved to Baltimore, Md., in 1858. He was elected member of the medical and surgical society of Balto. in 1859, and was nominated by the mayor physician to the marine hospital in 1861. July, 1862, was appointed acting assistant surgeon U. S. A., and was on duty from that time until Feb'y 1st, 1864, at the U. S. general hospital, Annapolis, Md., when he was commissioned assistant surgeon U. S. V. and ordered to the army of the Potomac. He served through the campaign of Gen. Grant to Petersburg, Va, as surgeon to field hospital and medical recorder of the 5th army corps, and in Sept., 1864, was relieved from duty in army of the Potomac and ordered back to U. S. general (naval school) hospital, Annapolis, Md. Was promoted surgeon, and ordered to North Carolina, where he was inspector of hospitals, and medical director of the 23d army corps until it was disbanded, and afterwards surgeon in charge of the general hospital at Smithville, N. C. He was brevetted lieut. col., and returned mustered out Oct., 1865, and in 1866 was appointed acting assistant surgeon U. S. A., and assistant to Surgeon Basil Norris, U. S. A., attending surgeon at Washington, and has continued to occupy that position to the present time. He is a member of the med. society, D. C., and med. association of the D. C., and one of its counsellors. Has been a member of the American med. association since 1868, and was formerly member of the national institute. Has contributed numerous articles to medical journals. He married the daughter of the late Dr. Joshua Riley, of Georgetown, formerly prof. mat. med. in the national med. col., D. C., and has two daughters.

STEGER, ROBERT WILLIAM, Nashville, Tenn., of Scotch-Irish and German descent, was born in Maysville, Alabama, Jan'y 12th, 1858. Entered the medical department of Vanderbilt university in 1874, and received the degree of M. D. in 1877. Afterwards, graduated in the medical dept. of the university of Nashville, and in 1878, the medical dept. of Columbia college, New York. While at college, he received prizes in obstetrical medicine and chemistry. In the spring of 1878, he was elected assistant to the chair of principles and practice of medicine in the university of Nashville and Vanderbilt university, and lecturer upon practice of medicine and physical diagnosis, in the spring and summer session of the same universities. He was afterwards elected professor of chemistry and microscopy in the dental dept. of Vanderbilt university, all of which positions he now holds; member of the Nashville academy of medicine, Nashville medical society, Davidson county medical society, Tennessee State medical society, and delegate to the American medical association. Author of "Class Room Lessons on Physical Diagnosis," and various articles that have appeared principally in the *Nashville Journal of Medicine and Surgery.*

SMITH, QUINTIUS CINCINNATUS, Cloverdale, Cal., was born March 1st, 1842, in Humphreys county, Tennessee. His paternal grandmother was a noted medicine-woman, in the backwoods settlement where he was raised, from whom he early imbibed a strong predeliction for medicine. Served in the C. S. A. volunteer cavalry as a common soldier, but was often detailed to look after the wounded and assist the surgeons' corps. In 1865, he was received into the med. dpt. university of Nashville, and graduated March, 1868; being forced by extreme poverty to pay his tuition fees and other expenses by labor as janitor and other menial duties. Began practice in his native state, but soon moved to Stoddard county, Mo.; practiced there five years, then removed to Cloverdale, California. During these years he traveled extensively in the southern, western, northwestern and Pacific States and territories, observing and publishing, mostly in medical journals, much of what he learned of the sanitary peculiarities of the numerous localities he visited. Contributed numerous articles, mostly on

clinical medicine, to medical journals. Is a member of American association for the advancement of science; member of board of censors of Cal. State med. society; vice-president of Sonoma county (Cal.) med. society; correspondent of the Smithsonian institution; founder and librarian of the Cloverdale library association; sanitary inspector of public schools of Cloverdale, Cal.

SULLIVAN, JAMES F., San Francisco, Cal., was born in Roxbury, Massachusetts, in 1838, and graduated at Harvard university, in 1861, after which he spent a year in the hospitals and schools of Europe. On his return, he was appointed surgeon of the ninth regiment of Massachusetts volunteers, then in active service in the field, and continued in that position till the close of the war. In a letter dated June 28th, 1864, surgeon general Dale, of Massachusetts, states that "Surgeon James F. Sullivan has served his country, in the capacity of surgeon of the 9th regt. Mass. vols., in such a manner as to reflect credit to himself and honor to the State." After the war he practiced in Chicago for eleven years, and then removed, with his family, to San Francisco, Cal., where he still resides.

TAUBER, BERNARD, of Cincinnati, O.; born on the 16th of March, 1849; graduated at the gymnasium at Teschen; ripe to enter the university; studied for two years at the university of Vienna; came to this country in 1868; entered the university of Va., afterwards the Cincinnati college of medicine and surgery, and graduated in 1871; practiced medicine at Paducah, Ky., for two years. In 1872 was appointed examining surgeon for pensions for the first district of Ky.; resigned the position, and went to Europe in 1873 with the intention to practice laryngology and physiology as a specialty; remained in Vienna, Berlin, Tübingen, Paris and London until July, 1875, and since located in Cincinnati as a specialist in the above department. Have delivered the first lectures in Cincinnati on diseases of the throat and the upper air passages, Miami medical college; is a member of the Cincinnati academy of medicine, Cincinnati medical society, Ohio State medical society, honorary member of the Tri-State med. society of Ky., Ind. and Ill.; fellow of the American laryngological association, and prof. of hygiene of the throat, larynx and ear, college of music, Cincinnati, O.

TUCKER, JAMES JOANNAS, Chicago, Ill. Born at Boston, Mass., Jan. 24th, 1840; early studies at New London literary and scientific institute; M. D. Harvard med. dept. 1867; the following year removed to Chicago. In 1872, delivered a course of lectures on the "Brain and Nervous System" before the students of the university. In 1873, the degree of M. A. was conferred by the univ. of Chicago. Married, 1868, Miss Adelaide H. Wood. His literary work consists chiefly of communications to the med. journals, of which "A Marked Case of Zoster Frontalis," (*Journ. Ment. and Nerv. Dis.*,) and several briefer contributions to *Chi. Jour. and Exam.*, are the most important. He has also translated from the German and French; *e. g.*, Rosenthal's lecture on "Epilepsy," in *Jour. Ment. and Nerv. Dis*, and "Azanis' Double Amnesia," (in same journal,) also "Gynæcology in Japan," in *Journ. and Exam.* Author of several unpublished works, among which is "Recreatio Medici." In 1879, delivered course of lectures before Fairview lecture course, on "Richard Wagner and the Song of the Niebelungs."

WALKER, JAMES B., of Phila., graduated M. D. at the univ. of Pa. Prof. of principles and practice of medicine in the woman's college of Penna.; attending physician to the Philadelphia hospital; lecturer on physiology and hygiene at Friends' central school, Phila.

WEBB, ROBERT DICKINS, Livingston, Sumter county, Alabama, son of Capt. S. S. Webb and Ann Moore (Dickins) Webb, was born in Person county, North Carolina, 14th Nov., 1824. He received literary education in the university of Virginia, and pursued his medical studies in the medical department of that institution, graduating in June, 1850, and locating himself in St. Louis, Mo., but subsequently, in 1853, removing to Livingston, Ala. He is a member of the Sumter county medical society—its secretary since 1866; of the medical association of the State of Alabama—vice-president in 1874; member of its board of censors, in 1876, and president in 1878, and member of P. H. A. of A. His contributions to medical literature consist, among others, of a report of an operation for stricture and scrotal fistula, in 1850, (Symes' perineal section,) and of a case of diabetes melitus, both published in the St. Louis *Medical and Surgical Journal;*

on the "Diseases of Sumter County," and on "Hemorrhagic Malarial Fever," trans actions of State association for 1876. In 1853 he married Julia, daughter of W. F. Folton, Esq., of Sumter county, Ala.

WATSON, BERIAH A., Jersey City, N. J., the third son of Perry and Maria (*nèe* Place) Watson, was born at Lake George, Warren co., New York, March 26th, 1836, and descended from a pioneer family of New England. He was a pupil in the State normal school at Albany, N. Y. At the age of twenty-one he entered the office of the late Dr. James Riley, at Succasunna, N. J., and in 1859 matriculated in the med. dep't univ. of N. Y., from which he was graduated in 1861. He located at White House, New Jersey, and in 1862 entered the U. S. service as a contract surgeon, and was ordered to Newark, N. J., where he was until March 26th, 1863. He then received a commission as asst. surg. 4th N. J. vols., and was detailed to the 4th artillery brigade, then at Falmouth, Va. He remained with this command until after the battle of Gettysburg, when he received orders to return to his regiment, of which he was commissioned surgeon Nov. 4th. He was detailed as operating surgeon to the 1st brigade, 1st division of the 6th army corps, and later to take charge of the 1st division 6th army corps hospital, and acting medical purveyor for the corps. Returning to civil life in 1865, he selected Jersey City as his residence, and renewed the practice of his profession. The passage of the acts legalizing dissection in New Jersey was secured principally through his efforts and those of Dr. J. D. McGill. He is permanent member of the American medical association; fellow and ex-president of the New Jersey academy of medicine; member of the New York neurological society, and of the Jersey City pathological society. He was appointed visiting surgeon to the Jersey City charity hospital at the time of its organization in 1867, and also visiting surgeon to St. Francis' hospital in 1873, and still continues to discharge the duties of both positions. He has from time to time contributed essays and reports of cases to the medical literature of the day, among which may be mentioned the following: "A Case of Facial Neuralgia Treated by Extirpation of the Superior Maxillary Nerve"—*The Medical Record*, New York, vol. 6, p. 392. "A Case of Hæmatoma of the Thigh: Two Operations: Death"—*Ibid.*, vol. 10, p. 124. "The Pathology and Treatment of Chronic Ulcers"—*New York Medical Journal*, vol. 22, p. 1. "A Supposed Case of Rabies Canina Treated with Strychnia and Woorara: Recovery"—*The American Journal of the Medical Sciences*, vol. 72, p. 80. "Femoral Aneurism Treated by Plugging the Sac: Death Caused by Hemorrhage from the Deep Epigastric Artery on the Eighteenth Day: Autopsy: Remarks"—*Ibid.*, vol. 72, p. 385. "Stomach Pump, Aspirator and Syringe"—*The Medical Record*, New York, vol. 2, p. 805. "Woorara in Rabies: Report of Two Cases, with Remarks"—*The American Journal of the Medical Sciences*, vol. 73, p. 413. "Lever Exsection Saw"—*The Medical Record*, New York, vol. 13, p. 38. "Discotome"—*Ibid.*, vol. 14, p. 78. "Gunpowder Disfigurements"—*The St. Louis Medical and Surgical Journal*, vol. 35, p. 145. "Pyæmia and Septicæmia"—*New York Medical Journal*, vol. 26, pp. 367, 461. "Disease Germs: Their Origin, Nature and Relation to Wounds"—*Transactions of the American Medical Association*, vol. 29, p. 263. "Woorara in Tetanus" (extract from a "Contribution to the Knowledge of Tetanus," by A. E. Knecht, physician to the prison at Waldheim, reported in *Schmidt's Jahrbücher*, band. 173, ℔ 94)—*New York Medical Journal*, vol. 26, p. 626. "Remarks on 'Treatment of Stumps After Amputation: A New Method'"—*London Lancet*, vol. 1 (1879), p. 536.

PECK, EDWARD SPRAGUE, of New York city, was born in Burlington, Vt., October 24th, 1845. He received his academical education at the Burlington union high-school and the univ. of Vt. His position in the class was second. He was graduated as M. D. in 1868, in the medical department of the university of Vermont. He became assist. phys. to Kings co. hosp., Brooklyn, in August, 1868, for one year. From August, 1869, until June, 1870, he occupied the position of assist. phys. in Kings co. lunatic asylum, after which he established himself in private practice in Burlington, Vt. He soon acquired a large practice, chiefly in surgery. For nearly three years he was surg. to the central Vermont railroad. Dr. Peck was prominent in the organization of the Burlington medical and surgical club in 1872, and was its secretary continuously until 1875; was a member of the Chittenden co. med. soc., and was a member of the Vt. State med. soc., of which he was elected vice-president in 1872, and secretary in

1873 and 1874. As vice-president he made an address, in 1873, upon "The Higher Medical Education." He contributed a paper, with specimen, entitled "Resection of Knee-joint, with Loss of One Drachm of Blood," in 1874, *ibid.* Also a paper, with specimen, upon a case of "Amputation at Upper Third of Humerus: Patient being in Condition of Collapse: Result of Railway Injury at Elbow-joint: Recovery." *Ibid.* He also contributed several surgical papers to the *Vermont Med. Register*, the most important of which was the report of a case of "Penetrating and Perforating Gunshot Wound of both Lungs." While a resident of Burlington he held the position of secretary of the board of pension surgeons for the State of Vermont for four years; and during the same time was surgeon of the 1st regt. N. G. of the State. In 1873, at the request of the medical faculty of the university, Dr. Peck organized the alumni association of this department, and received an election as secretary in this year, and in 1874. In 1871 he was appointed instructor in anatomy and surgery in the university of Vermont. This position he filled for five years. He was at the same time assistant to the chair of surgery in the same institution. In 1875 Dr. Peck was elected adjunct professor of diseases of the eye and ear. A clinical chair of diseases of the eye and ear was established, to which he was elected professor on his return from Europe in 1878. He went abroad in June, 1875, for medical studies, devoting himself specially to the study of ophthalmology and otology, in Berlin, Paris, Vienna and London. Dr. Peck returned to the United States in March, 1878, and, after delivering the lectures on ophthalmology and otology in the university of Vermont, he established himself, as a specialist in these departments, at No. 3 West Thirtieth street, New York city, his present residence. He was appointed, in July, 1878, assistant physician to the eastern dispensary, and entered upon a vacancy in one of the two classes devoted to diseases of the eye, ear and nerves. In June, 1879, he was appointed attending physician to the northwestern dispensary, to take charge of a class of diseases of the eye and ear. The service at the eastern dispensary averages one thousand, while that at the northwestern averages six hundred, patients a year. In January, 1879, he was invited to open the course of lectures before the Bellevue hospital training-school for nurses, and gave six lectures on the management of eye-hospitals and the nursing of eye-patients.

CALKINS, MARSHALL, of Springfield, Mass., was born in Wilbraham, Mass., in 1828. His preliminary education was at the common school and Wesleyan academy, in his native town. He entered Wesleyan university, and afterwards completed his classical course, and graduated at Union college, Schenectady, N. Y., receiving from that institution the degrees of A. B. and A. M. He received his medical degree from Dartmouth college. In 1862, he became a member of the Mass. medical society, and of the Am. med. assoc. He was also a member of the board of examining surgeons for pensions. In 1873, he accepted the chair of physiology and microscopic anatomy in the med. dep. of the univ. of Vt., which position he held for five years, until his resignation. In the fall of 1875, he visited England, Scotland and France for the purpose of obtaining professional information by inspection of hospitals and medical institutions. He is one of the physicians to the Springfield home for friendless women and children, and a member of the medical staff of the city hosp.; also, hon. mem. of the Vt. med. soc.; cor. member of the gyn. soc., of Boston; author of a paper on the "Alkaline Sulphites and Bi-sulphites," published in the trans. of the Vt. med. soc.; also, a report of "Cases of Trichina Spiralis," published in the communications of the Mass. med. soc.

DOZIER, BARTON, of Ukiah city, Cal., was born in Williamsburg co., S. C., June 22d, 1851, and educated at Furman university, in that state. After completing his studies, he emigrated to California. He began the study of medicine in San Francisco, and attended two sessions of lectures in the med. col. of the Pacific, after which he repaired to Phila. and graduated M. D. from the univ. of Pa., March 10th, 1876. He soon thereafter returned to California, and established himself in Ukiah city, Mendocino co., in that State, where he now resides, and is engaged in active general practice. In 1877, he was appointed physician to the county hospital, which position he continues to hold. He has written a number of brief articles for the medical and secular press. His father was a distinguished lawyer in S. C., who, on retiring from the profession, purchased the "Snow's Island" property, celebrated as

the principal rendezvous of Gen. Marion during the war of the revolution. It was at "Longwood," on this plantation, the subject of this sketch was born. He is of Huguenot and English origin. He married, July 24th, 1878, Mary Adelaide, only daughter of Prof. Harvey L. Byrd, M. D., of Balt., Md.

ATKINSON, EDWARD C., of Lee co., Iowa, was born in Susquehanna co., Pa., April 22d, 1822; died March 25th, 1878. When sixteen years of age he began teaching in the valley of Wyoming; afterward he practiced surveying in Lake Superior regions. He also, for two years, successfully conducted a literary journal, when he decided to devote his life to medicine. He graduated from Jefferson college, Phila., 1847, and went to Lee co., Iowa, where he established a practice, and remained during his life. In 1850, he married Miss Clara Millard, of Conn. He firmly denounced every form of intemperance, and warmly supported all efforts for the advancement of the teachings of the bible. By some, he was thought eccentric and an enthusiast, but all his enthusiasm and eccentricities were in favor of the good, and against the evil.

KLINGENSMITH, ISRAEL PUTNAM, of Derry Station, Penna., was born in Westmoreland co., Penna., April 18th, 1850; was educated in the academies of his native county and at capital university, Columbus, O.; read medicine with Dr. S. W. Gross, of Phila., graduating at the Jefferson med. coll. March, 1875. After leaving Phila. he located at Derry Station, Penna., where he has an extensive private practice, besides being company surgeon P. R. R., and one of the county physicians. He is president of the Westmoreland co. med. assoc., of which he has been recording sec. for the last two years, member of the Am. med. assoc., and of the med. soc. of the State of Penna. From the last-named body he was sent as a delegate to the med. soc. of West Va. in 1878 and 1879.

SUPPLEMENT TO SECOND EDITION.

Containing Additions and Corrections to Biographies in the First Edition.

BULLARD, G. B., (page 436.) President of the Vermont State med. society in 1879; also presented a paper to the above society, in 1879, upon "Maternal Emotions as Affecting the Fœtus."

CARPENTER, H., (page 541.) Now lives at Portland, Oregon. Pres. Ore. State med. soc., 1878.

CRAIN, M. F., (page 610.) Now adjunct prof. of theory and practice, med. coll. of Ft. Wayne.

FOX, C. J., (page 546.) Member of State med. soc.; med. exam. Home Life Ins. Co., Hartford Life Ins. Co., etc.

FRENCH, GEORGE F., (page 128.) Instructor in practice and lecturer on dermatology in Portland med. school; surg. U. S. vols.; author of "Mechanical Support in Treatment of Orthopnoea," "Respiratory Brace," "Urethral Speculum," "Rectal Speculum," etc.

FORD, C. L., (page 335.) Has published "Questions on Teeth for the Use of Dental Students," also "Questions on Anatomy, Histology and Physiology for Medical Students."

FIELD, A. G., (page 446.) Has published "Sanitary Education and Legislation," (pamphlet,) 1878. In 1878 he was appointed lecturer on medical jurisprudence in the Iowa college of law.

GILMAN, JOHN H., (page 276.) His mother's name was Sarah C. Gilman, a cousin of his father. 107th Mass. vols. should read 10th Mass. vols.

GLISAN, R., (page 156.) Now prof. of obstet. and dis. women and children in the med. dep. Willamette univ., appointed June, 1878.

GREENLY, T. B., (page 326.) Is a member of Kentucky State medical society; has contributed articles to the "*Southern Medical Record*," on "Yellow Fever," "Some of the of Uses Hyposulphite of Soda," "Is Consumption Contagious?" "Treatment of Scarletina," "Hypodermic Use of Morphia as a Supporter of Heart's Action," &c.

GREEN, T., (page 378.) Received degree of A. M. from Rutgers College. While residing in Mercersburg (1844) he married Harriet Moore, of Morristown, N. J. Is dean of the Pardee scientific department of Lafayette college. He contributed reports of cases of cancer, for Dr. S. D. Gross' report on malignant diseases, Trans. A. M. S., vol. vi.; cases of spotted fever, *Ibid.*, vol. xxvii.; a case of complete dislocation of all the metatarsal bones of the foot, Gross' Surgery, 1859; cases showing the influence of marriages of consanguinity, Dr. S. M. Bemiss' report, Trans. of med. soc. of Penn.; "The Physician a Student of Nature, and Medical Science in Harmony with Divine Law," address before the medical soc. of Pa., (Trans. 1868); "Life and Character of Michael Faraday;" "Duties of Physicians to Each Other," address before the medical society of Northampton co., Pa., in the *Free Press*, October 20th, 1874; "Peri-Nephritic Abcess," *Phil. Med. Times.*, vol. vii., November, 1876; "Have Organic Nervous Diseases their Origin in our American Life?" *Phil. Med. Times*, vol. vii., April, 1877; "Zoölogical Distribution of the United States," Washington, map of the U. S., 1861; "Floral Distribution of the United States," Washington, map of the U. S., 1861; "Plea for a Better Preliminary Education Prior to the Study of Medicine," (Trans. of A. A. M., 1877.)

HALDEMAN, G. W., (page 318.) Is one of the board of examiners for the State of Kansas, under the law entitled

"An act to regulate the practice of medicine in the State of Kansas."

KEYSER, P. D., (page 190.) Has also written: "The Physiological action of Belladonna and its Alkaloid, Atropia, on the eye," "Observations in Relation to Some Forms of Affections of the Eye Resulting from Reflex Irritation," a report of an examination of railroad men for color blindness. Is a fellow of the American academy of medicine; an honorary fellow of the Delaware State medical society, and author of a biography of Col. John Eyre.

LIPSCOMB, THOS., (page 303.) Is hon. mem., not pres. of the med. soc. Louisville. Feb. 13th, 1879, performed his first operation for ovariotomy; result successful. Reported in trans. Tenn. med. soc., 1879.

MCKENZIE, A. H., (page 559.) Does not make a "specialty" of treating enlarged spleen, but simply has been led to give more attention than usual to this complaint.

MOSSMAN, B. E., (page 666.) His father, Robert G., was born Fayette Co., Pa., Oct. 1st, 1795, and was removed with his father's family to Mercer Co., 1798. Dr. M. graduated M. D. with first honor at the univ. of Pa., March, 1879. Is no longer surg. in charge of the I. & A. R. R. Married, 1872, Emma Hilands. Contributed, in Jan., 1879, the *American Journal of Obstetrics* an article on *the obstetric position for forceps at or above the superior strait.*

PRENTISS, D. W., (page 305.) Has been elected prof. mat. med. and therap. in the nat. med. coll., D. C.; also made a commissioner of Pharmacy, D. C.

PAYNE, R. L., (page 93.) Was made president of the N. C. med. soc., May 24th, 1877; elected hon. fellow of the Abingdon academy of medicine, July 30th, 1877; member of the N. C. State board of health, May, 1879; has written for the *Medical and Surgical Reporter*, the *Richmond and Louisville Journal*, the *Virginia Med. Monthly*, the *N. C. Med. Jour.*, etc.

PLUMMER, O. P., (page 84.) Now removed to Portland, Oregon. Is prof. of mat. med. and ther., med. dept. Willamette univ., and dean.

RAUB, B. H., (page 26.) His father's name was Benjamin Howard Raub. Mrs. Raub's great-grandfather was Warner Washington, not Fairfax.

STOUT, S. H., (page 305.) Lieut. A. Stout was of the N. J. line; Capt. J. Tannehill of the Va. line. Dr. S. graduated A. M. in 184 . He contributed to the trans. of the Ga. med. assoc., in 1878 on "Psoriasis Non-Syphilitica," in 1879 on the "Spinal Degeneration in the Aged."

WINCHELL, E. E., (page 531.) Is acting member of the board of health of New Haven.

WALKER, E., (page 183.) Dr. W. graduated again in the university of New York City, in 1879, and took the prize for proficiency in "Diseases of the Mind and Nervous System."

WARDNER, H., (page 29.) In 1877 he was appointed a member of the Ills. State board of health, and in January, 1879, was elected its president. In August, 1878, he was appointed superintendent of the Ills. southern hospital for the insane, and entered upon his duties on the sixth of September following, resigning his post as chief med. off. of St. Mary's infirm., and surgeon to the I. C. R. R.

BOWLING, W. K., (page 161.) In 1877 he accepted the chair of "Ethical Medicine" in the Vanderbilt university, but, after two courses of lectures, resigned and retired to a home in the Cumberland mts., East Tennessee.

JONES, W. P., (page 684.) The portion of the sketch from line 33 should read: In 1862 he was made superintendent of that beautiful charity, the Tennessee hospital for the insane; and subsequently succeeded in procuring an appropriation for a hospital for the colored people. He built, perhaps, the first separate and suitable hospital for their insane that was ever erected on this continent. He was medical superintendent of the State hospital for seven years and a half; was re-elected for a period of eight years, but, because of an injury received at the hands of a lunatic, which had resulted in partial paralysis, he resigned and left the institution in 1870.

DUFFY, CHARLES E., (page 484.) Was elected pres. of the N. C. State soc., 1878.

BYRD, H. L., (page 40.) The name Thomas E. Burd should read Thomas E. Bond. His present wife is Florence, daughter of Hon. C. W. Newton of Norfolk, Va.

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